

BULLETIN

Pennsylvania Department of Agriculture

VOL. 38

Harrisburg, September-October, 1956

NO. 5

**FEEDING
STUFFS
REPORT**

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For the Year 1955

**GENERAL
BULLETIN**

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FEEDING STUFFS REPORT

1955

Introduction

The Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended, provides for the inspection and analysis of feeding stuffs. Accordingly, during the year ending December 31, 1955, 587 official samples were obtained by agents of the Bureau of Foods and Chemistry throughout the Commonwealth. Of the total number of samples collected, 578 were selected for analysis.

Each and every feeding stuffs sold within this Commonwealth is required to be properly labeled, giving the following information: Name and address of manufacturer or importer, net weight, guarantees for protein, fat and fiber, and a statement of composition, that is, the name of each ingredient used.

During the year 1955 there were 281 special samples of feeding stuffs submitted for analysis. The Law provides for the analysis of special samples of feeding stuffs for residents of Pennsylvania only, for a fee of \$1 per sample. The results of analyses of such special samples submitted are not included in this report. The total number of official and special samples analyzed during the year 1955 was 859.

The 578 official samples analyzed were registered by 260 manufacturers and represented 22 classes and 502 brands as follows:

<i>Classes</i>	<i>Samples</i>
Alfalfa Products	1
Animal Products	5
Brewers' Products	3
Corn Products	1
Marine Products	5
Milk Products	1
Soybean Products	3
Wheat Products	10
Calf Feeds	6
Chop Feeds	7
Dairy Concentrates	27
Dairy Feeds	72
Horse and Mule Feeds	1
Medicated Feeds	14
Poultry Concentrates	11
Poultry Feeds	193
Scratch Feeds	6
Small Animal Feeds	111
Steer and Stock Feeds	4
Swine Concentrates	11
Swine Feeds	76
Unclassified Feeds	10
TOTAL	578

Registration

Each brand of commercial feed is required to be registered annually. Application should be submitted before January 1 of each year or before the feed is offered for sale. The Pennsylvania Commercial Feed Law which becomes effective January 1, 1957, requires an annual registration fee of \$5 per brand to be paid by the manufacturer or importer. In addition, the new law requires the payment of a Feed Control Fee by the manufacturer or importer on all feed sold after December 31, 1955. The tonnage affidavit and the remittance at the rate of \$.02 (2 cents) per ton are due not later than January 31 of the following year.

Sales or exchanges of ingredients between manufacturers are exempt from the Feed Control Fee (but not from registration) if such ingredients are to be used solely in the manufacture of registered feeds.

The following materials are exempted by law: (1) unmixed whole seeds or grains and meals made directly from the entire seed; (2) unground hay; (3) whole or ground straw, stover, silage, cobs and hulls when not mixed with other materials.

Mineral and vitamin supplements need not list guarantees for crude protein, crude fat and crude fibre. Mineral feeds must list the maximum percentage of calcium (Ca), minimum percentage of phosphorus (P) and maximum percentage of salt (NaCl).

For 1955 sales, 8,065 brands of feeding stuffs were registered and 1,451 licenses were issued to 1,058 manufacturers.

Conclusions

Of the 578 official samples analyzed, 77 or 13.32 per cent were deficient in protein or fat or contained fiber in excess of the tolerances provided; 25 samples or 4.33 per cent were found deficient in protein; 43 or 7.44 per cent deficient in fat; and 9 or 1.56 per cent exceeding guarantees for fiber.

TABLE I--CLASSIFICATION SHOWING AVERAGE ANALYSIS
AND PRICES OF SAMPLES ANALYZED WITH SUMMARY OF DEFICIENCIES

FEEDING STUFFS CLASSES	SAMPLES	BRANDS	GUARAN- TEED	PROTEIN %	FAT %	FIBER %	PRICE PER TON	NO. DEFICIENT		EXCESS FIBER
								PROTEIN	FAT	
Alfalfa Meal	1	1	1	18.94	2.44	26.27	70.00	---	---	---
Blood Meal	1	1	1	76.44	5.66	0.57	150.00	---	---	---
Meat and Bone Scrap	3	3	3	49.25	10.39	2.11	64.00	---	---	---
Poultry By-Product Meal	1	1	1	58.00	11.24	2.00	66.00	---	---	---
Brewers' Dried Grains	3	3	3	28.06	7.19	12.73	48.50	---	---	---
Corn Gluten Feed	1	1	1	21.56	3.41	8.25	70.00	---	---	---
Crab Meal	2	2	2	32.85	1.73	12.12	71.00	---	---	1
Fish Meal	3	3	3	61.15	13.47	0.51	141.67	---	---	---
Condensed Buttermilk	1	1	1	12.45	1.38	0.00	---	---	---	---
Soybean Oil Meal	3	3	3	46.44	0.90	5.67	70.67	---	---	---
Wheat Bran	6	6	6	15.76	3.94	9.30	62.00	---	---	---
Wheat Middlings	4	4	4	15.56	3.73	5.09	58.00	1	1	---
Calf Feeds	6	6	6	21.31	3.42	5.68	81.68	---	2	---
Chop Feeds	7	7	7	12.05	4.08	6.24	67.33	---	3	---
Dairy Concentrates	27	23	27	35.61	2.47	7.33	85.64	1	11	---
Dairy Feeds	72	69	72	20.17	3.27	7.71	71.12	1	---	---
Horse and Mule Feeds	1	1	1	12.06	2.83	5.02	80.00	---	---	---
Medicated Feeds	14	14	14	24.21	4.62	3.74	96.18	---	1	---
Poultry Concentrates	11	11	11	36.38	3.58	6.17	102.80	---	---	---
Poultry Feeds	193	164	193	21.50	3.96	5.56	86.34	---	5	2
Scratch Feeds	6	6	6	10.94	2.76	2.84	71.20	---	---	---
Cat Foods	9	6	9	14.04	2.24	0.66	---	---	2	---
Dog and Cat Foods	2	2	2	14.19	8.34	0.27	---	---	---	1
Dog Foods	94	61	94	13.96	6.01	0.77	---	18	11	2
Pigeon Feeds	1	1	1	14.63	2.37	3.02	120.00	---	---	---
Rabbit Feeds	5	5	5	17.56	3.70	13.05	54.20	---	---	---
Steer and Stock Feeds	4	4	4	21.53	3.07	6.65	76.75	---	---	---
Swine Concentrates	11	11	11	37.03	3.50	6.38	95.18	1	---	1
Swine Feeds	76	75	76	17.71	3.68	5.60	79.18	1	---	1
Unclassified Feeds	10	9	10	24.53	4.73	4.59	80.63	---	2	---
TOTAL	578	502	578	---	---	---	---	25	43	9

Key to Table II Showing Analyses of Official Samples

Table II shows in detail the results of analyses under the various classifications, together with their guarantees.

Columns are provided for the found and guaranteed protein, fat and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and subheadings:

Feeding Stuffs Ingredients

ALFALFA PRODUCTS, including Alfalfa Meal

ANIMAL PRODUCTS, including Blood Meal, Meat and Bone Scrap and Poultry By-Products Meal

BREWERS' PRODUCTS, including Brewers' Dried Grains

CORN PRODUCTS, including Corn Gluten Feed

MARINE PRODUCTS, including Crab Meal and Fish Meal

MILK PRODUCTS, including Condensed Buttermilk

SOYBEAN PRODUCTS, including Soybean Oil Meal

WHEAT PRODUCTS, including Wheat Bran and Wheat Middlings

Manufactured Feeds

CALF FEEDS

CHOP FEEDS

DAIRY CONCENTRATES

DAIRY FEEDS

HORSE AND MULE FEEDS

MEDICATED FEEDS

POULTRY CONCENTRATES

POULTRY FEEDS

SCRATCH FEEDS

SMALL ANIMAL FEEDS, including Cat Foods, Dog and Cat Foods, Dog Foods, Pigeon Feeds and Rabbit Feeds

STEER AND STOCK FEEDS

SWINE CONCENTRATES

SWINE FEEDS

UNCLASSIFIED FEEDS

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

10-44

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>FEEDING STUFFS INGREDIENTS</u>								
<u>ALFALFA PRODUCTS</u>								
<u>Alfalfa Meal</u>								
SCHOENECK FARMS, INCORPORATED Nazareth, Pa.								
Schoeneck's Super-Green Dehydrated Alfalfa Meal 17%	(80)	18.94	17.00	2.44	2.00	26.27	27.00	----
Average		18.94		2.44		26.27		
<u>ANIMAL PRODUCTS</u>								
<u>Blood Meal</u>								
NORTH PENN HIDE COMPANY, INC. Elizabethville, Pa.								
Blood Meal	(284)	76.44	74.00	5.66	2.00	0.57	2.00	----
Average		76.44		5.66		0.57		
<u>Meat and Bone Scrap</u>								
PAUL HARRIGAN & SONS, INC. Bristol, Pa.								
Bristol Brand 50% Ground Bone & Meat Scrap	(314)	51.69	50.00	7.41	6.00	1.98	3.00	----
NORTH PENN HIDE COMPANY, INC. Elizabethville, Pa.								
50% Meat & Bone Scrap	(283)	48.56	50.00	7.11	6.00	2.06	3.00	----
WATSON'S RENDERING PLANT Allenwood, Pa.								
Quality Meat & Bone	(413)	47.50	45.00	16.64	10.00	2.28	3.00	----
Average		49.25		10.39		2.11		
<u>Poultry By-Product Meal</u>								
READING BONE FERTILIZER COMPANY Reading, Pa.								
Reading Poultry By-Product Meal	(301)	58.00	55.00	11.24	10.00	2.00	3.00	----
Average		58.00		11.24		2.00		
<u>BREWERS' PRODUCTS</u>								
<u>Brewers' Dried Grains</u>								
DUBOIS BREWING COMPANY DuBois, Pa.								
Dried Brewers' Grains	(447)	29.81	22.00	6.78	5.00	12.33	17.00	----
DUQUESNE BREWING COMPANY Pittsburgh, Pa.								
Dried Brewers' Grains	(232)	26.69	24.00	6.53	6.00	12.91	20.00	----
POTTSVILLE FEED COMPANY Pottsville, Pa.								
Dried Brewers' Grain	(212)	27.69	24.13	8.26	8.99	12.95	13.64	----
Average		28.06		7.19		12.73		
<u>CORN PRODUCTS</u>								
<u>Corn Gluten Feed</u>								
A. E. STALEY MANUFACTURING COMPANY Decatur, Ill.								
"Staley's" 21% Corn Gluten Feed	(173)	21.56	21.00	3.41	1.50	8.25	8.00	----
Average		21.56		3.41		8.25		

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

10-44

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>MARINE PRODUCTS</u>								
<u>Creb Meal</u>								
THE J. M. CLAYTON COMPANY Cambridge, Md.								
Epicure Quality Creb Meal	(223)	31.56	31.00	1.51	1.50	*13.18	11.00	----
SEA BOARD SUPPLY COMPANY Philadelphia, Pa.								
Creb Meal	(225)	34.13	31.00	1.95	1.00	11.06	11.00	----
Average		32.85		1.73		12.12		
<u>Fish Meal</u>								
WHITMOYER LABORATORIES, INC. Myerstown, Pa.								
Whitmoyer Quality 60% Fish Meal	(217)	63.94	60.00	13.29	7.00	0.36	3.00	----
Whitmoyer Quality 60% Fish Meal	(296)	62.75	60.00	12.30	7.00	0.43	3.00	----
Whitmoyer Quality 60% Fish Meal	(369)	59.75	60.00	14.83	7.00	0.73	3.00	----
Average		61.15		13.47		0.51		
<u>MILK PRODUCTS</u>								
<u>Condensed Buttermilk</u>								
BEAVER MEADOWS BY-PRODUCTS CORPORATION BuBois, Pa.								
Beaver Meadow Condensed Buttermilk	(448)	12.45	11.50	1.38	1.50	0.00	0.00	----
Average		12.45		1.38		0.00		
<u>SOYBEAN PRODUCTS</u>								
<u>Soybean Oil Meal</u>								
CARGILL, INCORPORATED Minneapolis, Minn.								
Cargill, Inc., 44% Protein Solvent Extracted Soybean Oil Meal	(213)	46.38	44.00	0.98	0.50	5.48	7.00	----
CENTRAL SOYA COMPANY, INC. Fort Wayne, Ind.								
Central Star 44% Solvent Extracted Soybean Oil Meal	(210)	48.56	44.00	0.59	0.50	5.50	7.00	----
SPENCER KELLOGG & SONS, INC. Decatur, Ill.								
Spencer Kellogg's 44% Protein Toasted Soybean Oil Meal-Solvent Extracted	(183)	44.38	44.00	1.13	0.50	6.01	7.00	----
Average		46.44		0.90		5.67		
<u>WHEAT PRODUCTS</u>								
<u>Wheat Bran</u>								
CLARK'S FEED MILLS Turbotville, Pa.								
Pure Winter Wheat Bran	(207)	14.56	13.00	3.17	3.00	9.01	10.00	----
GOOD'S CITY MILLS, INC. Williamsport, Pa.								
Good's Wheat Bran	(394)	14.31	14.00	3.66	3.50	10.12	11.00	----
PILLSBURY'S MILLS, INC. Minneapolis, Minn.								
Pillsbury's Hard Wheat Bran with Ground Wheat Screenings N.E.M.R.	(235)	20.13	14.00	4.97	4.00	10.27	12.00	----
PLEASANTVILLE ROLLER MILL Illum Bank, Pa.								
Wheat Bran	(440)	14.38	15.00	4.08	3.25	7.95	10.00	----
*Deficient								

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
RED LION MILLING COMPANY Red Lion, Pa.								
Winter Wheat Bran	(116)	15.69	12.00	4.11	2.50	11.07	11.00	----
WOODBURY MILLING COMPANY Woodbury, Pa.								
Pure Wheat Bran	(422)	15.50	13.00	3.67	3.00	7.36	10.00	----
Average		15.76		3.94		9.30		
<u>Wheat Middlings</u>								
MARION CENTER MILLING COMPANY Marion Center, Pa.								
Wheat Middlings (Mill Run)	(533)	15.06	15.00	3.66	2.21	4.14	8.00	----
PLEASANTVILLE ROLLER MILL Alum Bank, Pa.								
Wheat Flour Middlings	(439)	*14.31	16.50	*3.62	4.39	3.81	5.96	----
RED LION MILLING COMPANY Red Lion, Pa.								
Winter Wheat Middlings	(117)	16.00	13.00	3.92	2.50	7.02	8.50	----
THE WHEATENA CORPORATION HIGHSPIRE FLOUR MILLS DIVISION Highspire, Pa.								
Wheat Grey Shorts	(286)	17.06	11.50	3.73	2.50	5.40	6.00	----
Average		15.56		3.73		5.09		
<u>MANUFACTURED FEEDS</u>								
<u>CALF FEEDS</u>								
ALLIED MILLS, INCORPORATED Chicago, Ill.								
Wayne Calf Supplement	(360)	26.06	24.00	3.58	3.00	6.02	8.00	----
BLATCHFORD CALF MEAL COMPANY Waukegan, Ill.								
Blatchford's Calf-Peb	(373)	25.56	25.00	3.47	3.50	1.41	2.00	----
HAROLD C. BRANDT Annville, Pa.								
Blue Ribbon Complete Calf Feed	(294)	15.88	15.00	3.93	3.50	6.28	7.00	----
COOPERATIVE G.L.F. EXCHANGE INCORPORATED Ithaca, N.Y.								
Calf Starter	(468)	20.25	20.00	3.30	3.00	5.94	9.00	----
SOMERSET MILLING COMPANY Somerset, Pa.								
Just Right Calf Developer	(344)	18.63	18.00	*2.97	3.50	5.34	7.00	----
THRIFT FEED MILLS, INC. Doylestown, Pa.								
Calf Pellets	(304)	21.50	18.00	3.27	3.00	9.06	9.00	----
Average		21.31		3.42		5.68		
<u>CHOP FEEDS</u>								
CRESSON FEED MILL Cresson, Pa.								
Pure Corn & Oats Chop	(442)	11.50	9.00	4.51	3.50	8.71	10.00	----
DUBOIS MILLING COMPANY DuBois, Pa.								
Corn & Oats Chop	(451)	11.63	8.00	4.52	4.00	5.91	12.00	----
*Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
HERSHEBERGERS, INCORPORATED Johnstown, Pa.								
Corn & Oats Chop	(457)	12.88	10.00	*3.52	4.00	5.77	8.00	----
MARION CENTER MILLING COMPANY Marion Center, Pa.								
Red Seal Corn & Oats Chop	(532)	11.13	11.25	*3.21	3.60	5.08	7.07	----
THOMAS FEED MILL Holsopple, Pa.								
Special Corn & Oats Chop	(350)	11.75	10.00	4.53	4.50	5.91	11.00	----
WESTMORELAND FARM BUREAU COOPERATIVE ASSOCIATION Greensburg, Pa.								
Farm Bureau Corn & Oat Chop	(536)	12.13	9.00	4.51	3.50	6.37	8.00	----
C. S. WILLIS & SONS Lemoyne, Pa.								
Willis' Corn & Oats Chop	(277)	13.31	10.00	3.73	4.00	5.94	8.00	----
Average		12.05		4.08		6.24		
<u>DAIRY CONCENTRATES</u>								
ALBRIGHT'S FEED SERVICE West Newton, Pa.								
Albright's Good Luck Dairy 32%	(531)	35.25	32.00	4.79	4.00	7.41	11.00	----
ALLIED MILLS, INCORPORATED Chicago, Ill.								
Wayne 42% Dairy Mixing Supplement E	(492)	47.75	42.00	1.93	1.00	7.09	10.00	----
BELLEVILLE FLOUR MILLS COMPANY Belleville, Pa.								
Belleville 32% Dairy Mixture	(140)	32.44	32.00	*2.68	3.50	7.03	12.00	----
Belleville 32% Dairy Mixture	(584)	33.56	32.00	2.86	2.50	7.39	12.00	----
BIG VALLEY FEED & GRAIN COMPANY Belleville, Pa.								
B-V 32% Dairy Feed	(143)	33.00	32.00	2.79	2.00	8.33	10.00	----
BROSIOUS MILLS Rebuck, Pa.								
Klock's 32% Dairy Concentrate	(197)	33.00	32.00	2.69	2.00	8.69	10.00	----
BROWN & REA Atglen, Pa.								
B & R 32% Dairy Feed	(495)	32.06	32.00	2.93	3.00	8.87	12.00	----
COLLEGEVILLE MILLS Collegeville, Pa.								
Perkiomen Dairy Concentrate	(568)	35.94	32.00	2.61	2.50	8.31	9.00	----
COOPERATIVE MILLS, INC. Harrisburg, Pa.								
32% Milk Maker	(176)	35.06	32.00	3.11	2.50	7.02	10.00	----
32% Milk Maker	(341)	36.19	32.00	3.07	2.50	7.15	10.00	----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
32% Dairy Supplement	(177)	34.94	32.00	2.59	2.50	7.43	9.00	----
FISHER & SON COMPANY Malvern, Pa.								
Fisher's 33% Dairy Feed	(507)	36.06	33.00	1.83	2.00	6.19	10.50	----
GENERAL MILLS, INCORPORATED Minneapolis, Minn.								
Larro Suremilk 32	(163)	34.63	32.00	1.52	1.50	6.69	11.00	----
Larro Suremilk 32	(445)	35.25	32.00	1.54	1.50	6.58	11.00	----

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
J. F. HOGSETT & SONS Uniontown, Pa.								
Hogsett's 32% Deiry Feed	(340)	33.75	32.00	1.90	2.00	8.06	10.00	----
HORST'S MILLS Lebenon, Pa.								
Horst's Hi-Roughage Milking Supplement	(299)	35.56	32.00	3.74	3.50	6.98	8.00	----
McMILLEN FEED MILLS DIVISION OF CENTRAL SOYA COMPANY, INC. Fort Wayne, Ind.								
Master Mix 44% Deiry Supplement	(170)	47.06	44.00	1.65	1.00	5.93	8.00	----
Master Mix Master Blend Deiry Concentrate	(171)	*31.19	33.00	1.11	0.50	5.93	9.00	----
Master Mix Master Blend Deiry Concentrate	(255)	33.50	33.00	1.66	1.50	6.22	9.00	----
NELSON MILLING COMPANY DuBois, Pa.								
Nelco 32% Deiry Supplement	(450)	33.44	32.00	1.82	2.00	7.68	9.00	----
PHOENIX COAL & FEED COMPANY Chester Springs, Pa.								
Cream-Rite Deiry Ration 32%	(509)	32.69	32.00	2.38	1.00	7.84	9.00	----
POCOPSON MILL Pocopson, Pa.								
Brandywine 32% Dairy	(502)	38.13	32.00	*1.93	4.00	7.58	10.00	----
RALSTON PURINA COMPANY St. Louis, Missouri								
Purine Cow Chow Concentrate	(164)	33.19	32.00	2.50	1.50	5.40	9.00	----
SANDY LAKE MILLS Sandy Lake, Pa.								
Win-All 40% Dairy Concentrate	(182)	47.31	40.00	2.39	2.00	6.61	9.00	----
SNOOK'S MILL Mifflinburg, Pa.								
Snook's 32% Dairy Retion	(155)	33.69	32.00	2.54	2.50	7.98	8.00	----
THRIFT FEED MILLS, INC. Doylestown, Pa.								
Thriftee 32% Supplemental Dairy	(305)	33.50	32.00	2.97	3.00	8.40	8.50	----
TIOGA MILLS, INC. Waverly, N. Y.								
Ti-O-Ge Dairy Mixing Feed	(214)	33.25	32.00	*3.11	3.50	9.19	9.50	----
Average		35.61		2.47		7.33		
<u>DAIRY FEEDS</u>								
R. S. ALTMAN Irwin, Pa.								
Altman's Blue Bird 16% Dairy Feed	(167)	18.13	16.00	2.56	2.00	8.64	11.00	----
Altman's 20% Dairy Retion	(88)	23.44	20.00	2.48	2.50	11.47	11.00	----
Altman's 20% Dairy Retion	(180)	22.63	20.00	2.29	2.50	8.98	11.00	----
Altman's 20% Dairy Retion	(518)	25.25	20.00	2.50	2.50	9.29	11.00	----
Altman's Enriched 20% Milkera Ration (Super A)	(169)	27.00	20.00	2.94	2.50	7.93	10.00	----
S. T. ANDERSEN & SON Sugar Grove, Pa.								
Home Mixed Cow Feed	(474)	17.56	18.00	4.49	3.00	7.00	10.00	----
BANNER FLOUR MILLS Fairchence, Pa.								
Banner 16% Dairy Ration	(336)	17.19	16.00	*2.63	3.50	5.96	8.50	----
C. R. BERGER Trout Run, Pa.								
Berger's Milk Producer	(402)	*22.13	24.00	*3.02	5.00	8.63	9.00	----

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
BROWN & FASSETT Tunkhannock, Pe.								
B. & F. Seventeen Dairy Feed	(405)	19.25	17.00	3.86	4.00	8.71	10.00	----
CITY FLOURING MILLS, INC. Muncy, Pa.								
Muncy 16% Dairy	(408)	19.69	16.00	4.04	3.50	7.41	10.00	----
CLARK'S FEED MILLS Shenokin, Pe.								
Clerk's 16% Dairy Feed	(184)	17.19	16.00	3.27	2.50	9.01	12.00	----
COOPERATIVE G.L.F. EXCHANGE, INC. Ithaca, N. Y.								
Exchange Dairy	(465)	21.69	20.00	4.52	4.00	7.18	10.00	----
Exchange Dairy Bordentown	(549)	22.00	20.00	5.22	4.00	8.16	10.00	----
Fitting Ration	(456)	14.63	14.00	3.48	3.25	5.59	10.00	----
Fitting Ration	(537)	16.88	14.00	4.11	3.25	6.42	10.00	----
16% Milk Maker	(467)	17.81	16.00	4.55	4.00	7.83	10.00	----
COOPERATIVE MILLS, INC. Harrisburg, Pe.								
16% Milk Maker	(175)	18.63	16.00	4.86	3.50	8.23	10.00	----
16% Pasture Dairy	(174)	19.25	16.00	4.07	3.00	8.18	11.00	----
CHAS. M. COX COMPANY Boston, Mass.								
Red Seal 20% Dairy Feed	(236)	23.69	20.00	3.41	3.00	9.17	11.00	----
W. S. CROCK & SONS Nicholson, Pe.								
Crock's 16% Dairy Ration	(412)	19.31	16.00	3.32	3.50	7.61	10.00	----
DEWALD'S MILL Bloomsburg, Pe.								
DeWald's Quality Dairy 16%	(194)	18.19	16.00	3.50	3.00	8.02	11.00	----
DUBLIN MILLING COMPANY Dublin, Pe.								
Dublin 18% Dairy Feed	(307)	21.44	18.00	3.81	3.00	7.38	9.00	----
E.L.M. FEED STORES Greencastle, Pa.								
E.L.M. Nutri-Darie	(273)	15.31	13.00	2.87	3.00	7.29	10.00	----
JOHN W. ESHELMAN & SONS Lancaster, Pe.								
Challenge 24 Dairy Feed	(178)	26.63	24.00	3.84	3.00	4.76	11.00	----
FISHER & SON COMPANY Malvern, Pa.								
Fisher's 16% Dairy Feed	(508)	18.56	16.00	*3.43	4.00	8.11	9.50	----
R. S. FOUGHT & SONS Hughesville, Pe.								
Fought's Sweet Sixteen Dairy Feed	(409)	16.56	16.00	2.96	3.00	7.64	11.00	----
FRANKLIN MILLING COMPANY Middleburg, Pe.								
Franklin 20% Dairy Feed	(152)	22.94	20.00	3.18	3.50	4.70	9.00	----
GENERAL MILLS, INCORPORATED Minneapolis, Minn.								
Gold Medal 20% Super Dairy Feed	(459)	22.19	20.00	3.58	3.50	8.07	10.00	----
Larro Suremilk 20	(96)	23.00	20.00	3.44	2.75	7.90	9.50	----
HALES & HUNTER COMPANY Chicago, Ill.								
Pioneer 18 Dairy	(160)	19.06	18.00	3.47	3.00	6.07	9.00	----
Pioneer Dry & Freshening	(161)	14.06	12.00	3.45	2.50	6.62	9.00	----

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
HARPER FEED MILLS, INC. Washington, Pa.								
Green Pastura 20% Dairy Ration	(99)	23.00	20.00	4.51	2.50	7.59	11.00	----
HERRMAN-MCLEAN COMPANY Cleveland, Ohio								
Ohio 16% Dairy Ration	(487)	17.31	16.00	3.54	2.00	9.79	11.00	----
Ohio 20% Flaked Milk Maker	(488)	26.31	20.00	3.36	3.00	6.40	10.00	----
J. F. HOGSETT & SONS Uniontown, Pa.								
Hogsatt's 20% Dairy Feed	(338)	20.69	20.00	3.28	2.00	9.15	11.00	----
HONESDALE FLOUR & FEED COMPANY Honesdale, Pa.								
Tru-Mix 16% Dairy Ration (Sweetened)	(415)	17.50	16.00	4.64	4.00	6.24	9.00	----
KASCO MILLS A DIVISION OF CORN PRODUCTS SALES COMPANY Waverly, N. Y.								
Kasco Beatsall Milk Grains 16%	(542)	19.50	16.00	4.47	3.50	8.23	9.50	----
Kasco Beatsall Milk Grains 20%	(545)	24.75	20.00	3.93	3.50	7.50	9.50	----
KEEBLER'S FEED & FARM SUPPLIES Montoursville, Pa.								
Keabler's 16% Fast Dairy	(407)	18.25	16.00	3.81	3.50	5.68	10.00	----
E. H. KEEN & SON Parkersburg, Pa.								
Keen's 16% Dairy Feed	(494)	18.06	16.00	*2.51	3.00	11.32	11.00	----
Keen's 24% Dairy Feed	(493)	26.31	24.00	*3.05	4.00	8.33	11.00	----
KINTNER MILLING COMPANY Mechopany, Pa.								
K M C O Super 16% Dairy Ration	(404)	18.50	16.00	3.18	3.50	8.29	9.00	----
LOTTSVILLE MILLING COMPANY Lottsville, Pa.								
Brokenstraw 18% Dairy Ration	(481)	19.19	18.00	3.74	3.00	7.64	10.00	----
Brokenstraw Milk Maker	(484)	22.13	20.00	2.83	3.00	5.94	10.00	----
LYCOMING MILLS Williamsport, Pa.								
16% Dairy Feed	(396)	19.50	16.00	3.01	2.00	5.77	12.00	----
LYKENS VALLEY ROLLER MILLS Millersburg, Pa.								
Shiffer's Quality 16% Dairy Feed	(280)	18.69	16.00	2.32	2.00	9.26	11.00	----
Shiffer's Quality Fitting Ration	(281)	17.25	13.00	2.13	2.00	10.14	11.00	----
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.								
Hi-Test Dairy Feed 20% Protein	(229)	19.81	20.00	3.66	3.00	11.40	12.00	----
MATHEWS FLOUR & FEED MILL Jonas Mills, Pa.								
Suprama Dairy Feed	(525)	14.63	16.00	*2.14	2.50	5.91	8.00	----
MCWILLEN FEED MILLS DIVISION OF CENTRAL SOYA COMPANY, INC. Fort Wayne, Ind.								
Master Mix 20% Dairy Feed	(92)	22.75	20.00	*2.06	2.50	6.94	9.00	----
MONTGOMERY-BUCKS FARM BUREAU COOPERATIVE ASSOCIATION Souderton, Pa.								
16% Milkmaker	(563)	19.94	16.00	3.81	3.00	5.97	10.00	----
NELSON MILLING COMPANY DuBois, Pa.								
Walco 16% Dairy Feed	(449)	18.63	16.00	3.06	3.00	6.98	10.00	----

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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
OMWAKE & OLIVER Greencastle, Pa.								
Antrim 16% Dairy	(269)	20.00	16.00	*1.98	3.00	7.77	11.00	----
PHOENIX COAL & FEED COMPANY Chester Springs, Pa.								
Cream-Rite Dairy Ration 18%	(510)	19.38	18.00	*2.45	2.90	8.30	8.00	----
THE QUAKER OATS COMPANY Chicago, Ill.								
Ful-O-Pep Sweet 16 Dairy Feed	(101)	16.63	16.00	2.58	2.50	11.44	11.00	----
RED LION MILLING COMPANY Red Lion, Pa.								
16% Dairy Feed	(112)	17.00	16.00	2.69	2.50	6.37	11.00	----
24% Dairy Feed	(113)	26.00	24.00	2.88	2.50	7.40	11.00	----
SANDY LAKE MILLS Sandy Lake, Pa.								
Win-All 16% Dairy Feed	(181)	18.13	16.00	3.18	3.00	6.29	9.00	----
SHELLY BROTHERS Perkasie, Pa.								
Shelly Bros. Quality 20% Dairy Feed	(315)	21.19	20.00	3.16	3.50	8.74	9.00	----
SKINNERS EDDY COOPERATIVE G.L.F. SERVICE, INC. Skinners Eddy, Pa.								
16% Dairy	(411)	21.63	16.00	4.08	3.50	7.45	10.00	----
ESTATE OF GEO. S. SNYDER, INC. Hatfield, Pa.								
Snyder's 16% Dairy Feed	(566)	20.06	16.00	3.48	3.00	7.02	12.50	----
STEWARTSTOWN MILLING COMPANY, INC. Stewartstown, Pa.								
Banner 24% Dairy Feed	(134)	31.63	24.00	*2.37	3.00	7.14	10.50	----
EDWIN F. STOVER ESTATE Perkasie, Pa.								
Stover's 16% Dairy Feed	(318)	17.50	16.00	2.77	2.50	7.12	11.00	----
P. O. SUNDAY Carlisle, Pa.								
Cumberland 24% Dairy	(276)	25.63	24.00	*2.55	3.00	6.70	10.00	----
SWINGLE BROTHERS Lake Ariel, Pa.								
Direct 16% Dairy Ration	(416)	18.63	16.00	3.86	3.50	9.06	10.00	----
W. M. TEMPLETON & SONS Houston, Pa.								
Templeton's 20% Dairy Feed	(104)	23.19	20.00	2.26	2.50	7.49	9.00	----
THRIFT FEED MILLS, INC. Doylestown, Pa.								
Thriftea 18% Dairy	(581)	20.00	18.00	3.69	3.50	7.68	9.00	----
JACOB TRINLEY & SONS, INC. Linfield, Pa.								
Trinley's 16% Dairy Feed	(569)	17.75	16.00	2.91	3.00	9.24	11.00	----
VANDERVORT MILLS, INC. Laceyville, Pa.								
Vandervort's Gold Band 16% Dairy Ration	(410)	17.44	16.00	3.65	3.50	7.06	9.00	----
WALKER BROTHERS Chambersburg, Pa.								
Walker's 16% Dairy	(260)	17.44	16.00	2.75	3.00	8.84	11.00	----

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
CHAS. WERNER COMPANY, INC. Pine Grove, Pe.								
Werner's 16% Deiry Feed	(201)	17.94	16.00	2.29	2.50	6.49	8.00	----
WRIGHT MILLING COMPANY Cleysburg, Pe.								
Wright's Deiry Feed	(437)	21.00	20.00	2.57	2.50	5.43	11.00	----
Average		20.17		3.27		7.71		
<u>HORSE AND MULE FEEDS</u>								
SOMERSET MILLING COMPANY Somerset, Pe.								
Just Right Horse & Mule Feed	(343)	12.06	10.00	2.83	3.00	5.02	7.50	----
Average		12.06		2.83		5.02		
<u>MEDICATED FEEDS</u>								
ALLIED MILLS, INCORPORATED Chicago, Ill.								
3-Nitro-4-Hydroxyphenylarsonic Acid and Nicerbezin Mixture Incorporated in Wayne Broiler Finisher	(557)	19.63	18.00	4.31	3.00	4.09	4.50	----
3-Nitro-4-Hydroxyphenylarsonic Acid and Nicerbezin Mixture Incorporated in Wayne Rocket Broiler Feed	(558)	22.88	20.00	3.63	3.00	3.17	4.00	----
CHAS. M. COX COMPANY Boston, Mass.								
Nicarbezin-Sodium Arsenilete Mixture in Wirthmore Improved Hi-Ener-G Starter and Broiler Retion	(554)	25.94	20.00	5.23	4.00	3.23	4.00	----
JOHN J. HOOBER Gordonville, Pe.								
Hoover Diethylstilbestrol Mix Quick Beef Supplement	(500)	36.69	32.00	4.44	3.50	7.43	8.00	----
KASCO MILLS A DIVISION OF CORN PRODUCTS SALES COMPANY Waverly, N. Y.								
Kesco Nicerbezin Mixture Incorporated with Kesco Broiler Starter Retion	(543)	25.44	20.00	5.89	4.00	4.10	4.75	----
KEIFER'S MILL Hegins, Pe.								
Nicerbezin & 3-Nitro-4-Hydro Mix in Kiefer Hi-Pro Cel Broiler Formule	(199)	24.00	23.00	4.42	4.00	2.32	2.60	----
MARITIME MILLING COMPANY, INC. Buffelo, N. Y.								
B-B Ma-Co Nicerbezin Mixture Incorporated in B-B Me-Co Broiler Retion	(559)	22.94	22.00	4.34	3.00	1.95	3.00	----
McMILLEN FEED MILLS DIVISION OF CENTRAL SOYA COMPANY, INC. Fort Wayne, Ind.								
Nicerbezin and 3-Nitro-4-Hydro Mix in Master Mix Colorized Broiler Finisher	(358)	22.69	19.50	4.52	5.50	2.58	2.60	----
PRATT FOOD COMPANY Hammond, Ind.								
Nicarbezin Mixture mixed with Pretts Speciel Broiler Mash	(560)	23.13	21.00	4.24	4.00	3.26	3.00	----

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
RALSTON PURINA COMPANY St. Louis, Mo.							
Purina 3-Nitro-4-Hydroxyphenylarsonic Acid Mixture in Purina Broiler Chow Finisher (473)	21.00	18.00	5.70	4.50	3.82	5.00	----
Purina 3-Nitro-4-Hydroxyphenylarsonic Acid Mixture in Purina Broiler Chow Starter (471)	25.25	22.00	5.29	4.50	4.16	5.00	----
Purina 3-Nitro-4-Hydroxyphenylarsonic Acid Mixture in Purina Chick Starter (472)	22.88	20.00	4.67	3.00	4.03	5.00	----
D. A. STICKELL & SONS, INC. Hagerstown, Md.							
Blue Ridge 3-Nitro Nicarbazin Mixture Incorporated in Blue Ridge Developer & Finisher (209)	18.13	17.00	3.92	3.00	3.29	4.50	----
VERITY MILLS, INC. Buffalo, N. Y.							
Verity Sulfaquinoxaline Mixture Incorporated in Fullnead Turkey Starter (370)	28.38	28.00	4.12	3.00	4.94	5.00	----
Average	24.21		4.62		3.74		
<u>POULTRY CONCENTRATES</u>							
R. S. ALTMAN Irwin, Pa.							
Altman's 35% Poultry Concentrate (332)	36.63	35.00	4.38	2.00	6.99	10.00	----
BECK'S FEED & GRAIN, INC. Kutztown, Pa.							
Beck's 32% Poultry Supplement (220)	31.81	32.00	6.45	5.00	7.83	8.00	----
CLARK'S FEED MILLS Shamokin, Pa.							
Clark's Special Starter-Broiler Supplement (186)	42.75	40.00	3.39	3.50	4.06	4.00	----
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Red Rose 36% Poultry Supplement (478)	34.31	36.00	4.41	3.50	6.68	8.00	----
MCMILLEN FEED MILLS DIVISION OF CENTRAL SOYA COMPANY Fort Wayne, Ind.							
Master Mix Chick Concentrate (254)	35.88	36.00	2.03	1.50	6.75	8.00	----
Master Mix Layer Concentrate (251)	36.13	34.00	2.45	1.00	6.66	7.50	----
MCNAUGHTON MILLING COMPANY New Alexandria, Pa.							
New Alex 34% Poultry Concentrate (529)	36.31	34.00	3.35	3.00	6.46	8.00	----
MURPHY & CLOUSE FEED MILL Boiling Springs, Pa.							
M-C 32% Poultry Mash Concentrate (265)	37.06	32.00	2.61	2.00	5.56	6.75	----
RALSTON PURINA COMPANY St. Louis, Mo.							
Purine Chicken Chowder (165)	38.56	36.00	3.17	2.50	4.97	9.00	----
ROHM'S FEED MILL Breezewood, Pa.							
32% Poultry Concentrate (433)	34.69	32.00	4.41	4.00	6.35	6.00	----
D. A. STICKELL & SONS, INC. Hagerstown, Md.							
Blue Ridge 34% Laying & Growing Mash Supplement (208)	36.06	34.00	2.71	2.00	5.54	7.50	----
Average	36.38		3.58		6.17		

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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
POULTRY FEEDS								
ABERDEEN MILLS Elizabethtown, Pa.								
Aberdeen Egg Mash	(287)	21.38	20.00	3.20	3.00	6.66	8.00	----
ALBRIGHT'S FEED SERVICE West Newton, Pa.								
Albright's Good Luck Laying Mash	(530)	23.69	20.00	*2.96	5.00	6.76	7.00	----
ALLIED MILLS, INCORPORATED Chicago, Ill.								
Wayne Egg Mash	(330)	23.00	20.00	3.31	3.00	5.09	5.50	----
Wayne Egg Mash	(462)	22.19	20.00	3.46	3.00	5.21	5.50	----
Wayne Growing Mash	(95)	21.63	20.00	3.44	2.50	6.24	6.50	----
Wayne Universal Egg	(331)	19.75	16.00	4.38	2.50	4.68	4.50	----
R. S. ALTMAN Irwin, Pa.								
Altman's "B" Growing Mash	(90)	21.25	17.00	3.98	3.00	7.81	9.00	----
Altman's Quality Egg Mash	(89)	23.13	20.00	3.39	3.00	7.53	9.00	----
Altman's Quality Egg Mash	(168)	23.06	20.00	3.10	3.00	6.83	9.00	----
Altman's Quality Egg Mash	(246)	21.13	20.00	3.16	3.00	7.96	9.00	----
Altman's Quality Egg Mash	(333)	21.56	20.00	3.91	3.00	7.98	9.00	----
Altman's Quality Egg Mash	(366)	22.69	20.00	3.56	3.00	8.43	9.00	----
Altman's Quality Egg Mash	(515)	20.06	20.00	3.07	3.00	5.84	9.00	----
Altman's Super A "Y" Egg Mash	(245)	28.63	24.00	3.01	3.00	6.77	8.00	----
Altman's Super A "Y" Starter & Broiler	(516)	20.31	18.00	3.16	3.00	6.05	8.00	----
Altman's "Y" Growing Mash	(243)	23.13	17.00	3.42	3.00	7.55	9.00	----
Altman's "Y" Starter & Broiler Retition	(244)	23.75	18.00	4.08	3.00	6.36	8.00	----
CHAS. R. BAHN Windsor, Pa.								
Bahn's 18% Growing Mash	(121)	18.06	18.00	4.47	3.00	5.99	8.00	----
Bahn's 16% Hi-Energy Laying Retion	(119)	16.94	16.00	4.40	4.00	3.47	5.00	----
Bahn's 20% Laying Mash	(122)	22.56	20.00	5.01	3.50	4.10	6.00	----
Bahn's Super Layer	(120)	21.82	20.00	4.92	3.00	5.37	8.00	----
C. S. BALDWIN Burnt Cabins, Pa.								
Queen of the Valley Egg Mash	(429)	21.19	20.00	3.12	2.50	5.26	6.50	----
BANNER FLOUR MILLS Fairchance, Pa.								
Banner 20% Egg Mash	(334)	20.75	20.00	4.59	3.50	6.26	7.50	----
THE BEACON MILLING COMPANY, INC. Cayuge, N. Y.								
Beacon Turkey and Game Bird Grower	(551)	25.94	24.00	4.89	4.00	4.05	6.00	----
BELLEVILLE FLOUR MILLS COMPANY Belleville, Pa.								
Ultre-Lifed 20% Laying Mash	(139)	19.75	20.00	*3.52	4.00	5.12	8.50	----
Ultre-Lifed Renge Grower	(138)	19.81	18.00	4.89	3.00	5.93	10.00	----
Ultra-Lifed Starting Mash	(141)	23.06	20.00	3.22	3.00	5.12	8.50	----
C. E. BENFIELD COMPANY South Parkasie, Pa.								
White Rose Egg Mash	(322)	21.38	20.00	4.09	2.50	5.69	7.00	----
BIG VALLEY FEED & GRAIN COMPANY Belleville, Pa.								
B-V Pullet Grower	(142)	19.88	18.00	3.83	3.00	5.27	6.50	----
PAUL E. BLASS Faxinos, Pa.								
Shemrock All-Mash Layer	(188)	16.63	15.00	3.81	3.00	5.53	6.00	----
Shemrock Pullet Grower	(187)	20.19	18.00	3.42	3.00	5.00	6.50	----
BOARDMAN'S MILL Pittsfield, Pa.								
Boardmen's Pride Egg Mash	(480)	20.63	18.50	4.69	3.50	5.09	8.00	----

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		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
W. H. BOHNER Pillow, Pa.								
Bohner's Laying Mash	(285)	17.69	16.00	4.05	4.00	5.34	8.00	----
BOILING SPRINGS FEED MILL Boiling Springs, Pa.								
K & C Egg Mash	(263)	20.31	20.00	4.46	3.00	4.92	9.00	----
GURNEY D. BRANDT & SONS Lebanon, Pa.								
Brandt's Laying Mash	(295)	20.44	20.00	3.94	2.50	5.88	6.50	----
BRIAR CREEK MILLS Briar Creek, Pa.								
Chick Builder	(193)	18.31	18.00	3.84	4.00	5.72	7.00	----
Growing Mash	(192)	17.06	17.00	3.63	3.00	6.69	8.00	----
BRISTOL FEED & GRAIN COMPANY Bristol, Pa.								
Pearson's 20% Laying Mash	(313)	19.94	20.00	3.09	3.00	7.99	8.00	----
J. C. BROWN FEED STORE New Wilmington, Pa.								
Quality 20% Laying Mash Crumbles	(375)	21.82	20.00	3.62	4.00	5.75	7.00	----
BROWN & REA Atglen, Pa.								
B & R Laying Mash	(496)	20.69	18.00	4.56	3.00	6.39	9.00	----
BUCKEYE FEED MILLS, INC. Dalton, Ohio								
Gold Standard Laying Mash	(240)	22.50	20.00	3.79	3.00	8.01	8.50	----
CANONSBURG MILLING COMPANY Canonsburg, Pa.								
Gilt Edge Pullet Grower	(91)	20.44	18.00	2.91	2.50	4.77	7.00	----
CARMICHAELS MILLING COMPANY Carmichaels, Pa.								
Master High Efficiency All-Mash Layer	(108)	17.38	16.00	3.48	3.00	5.54	5.25	----
CHAMBERS & SMITH West Grove, Pa.								
Big Elk Starter & Grower	(504)	21.70	20.00	4.32	4.00	4.46	7.50	----
CLARK'S FEED MILLS Shamokin, Pa.								
Clark's Egg Maker	(185)	22.31	20.00	4.72	4.00	5.43	7.00	----
COLLEGEVILLE MILLS Collegeville, Pa.								
"Improved" Laying Mash	(567)	22.31	20.00	4.50	3.00	5.44	7.50	----
CONESTOGA ROLLER MILLS East Earl, Pa.								
Conestoga 18% Grower Mash	(511)	20.13	18.00	3.62	3.00	4.64	7.00	----
Conastoga Hi-Efficiency 20% Layer Mash	(512)	19.63	20.00	3.35	3.00	4.56	6.00	----
COOPERATIVE G.L.F. EXCHANGE INCORPORATED Ithaca, N. Y.								
Broader Mash	(548)	20.81	20.00	5.91	5.00	4.31	5.50	----
Broader Mash	(550)	23.44	20.00	5.21	5.00	*7.24	5.50	----
Growing Mash	(539)	22.69	20.00	5.92	4.50	5.97	5.50	----
Poultry Fitting Ration	(541)	11.50	10.00	2.70	2.00	5.89	8.00	----
Super Laying Mash	(538)	21.00	20.00	5.99	5.00	4.82	6.00	----

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
COOPERATIVE MILLS, INC. Harrisburg, Pa.								
Super Laying Mash	(109)	23.75	20.00	5.17	3.00	5.17	6.50	----
Super Laying Mash	(342)	22.38	20.00	4.24	3.00	6.12	6.50	----
Super Laying Mash	(464)	22.13	20.00	5.26	3.00	5.67	6.50	----
CHAS. M. COX COMPANY Boston, Mass.								
Wirthmore Growing Mash	(556)	27.75	20.00	4.92	3.50	4.82	5.50	----
Wirthmore Laying Mash	(233)	23.50	20.00	5.01	3.50	4.12	5.50	----
Wirthmore Laying Mash	(469)	22.56	20.00	4.56	3.50	4.40	5.50	----
Wirthmore Laying Mash	(555)	23.63	20.00	4.58	3.50	4.78	5.50	----
Wirthmore Turkey Starter Retion	(234)	33.25	28.00	4.48	3.50	4.68	5.50	----
JOHN K. CURRY & SONS Palmyre, Pe.								
Curry's Pride Sterting & Growing Mash	(292)	18.44	18.00	2.88	2.50	4.89	7.00	----
DAVIS FEED MILL Rushland, Pe.								
Devis Laying Mash	(309)	22.88	20.00	3.78	3.50	7.14	7.00	----
L. J. DENLINGER COMPANY Paradise, Pe.								
Denlinger's Breeder Mash	(498)	22.63	20.00	3.40	2.50	5.24	6.50	----
Denlinger's Pullet Grower	(497)	19.50	18.00	4.51	3.00	5.81	6.50	----
W. A. DIEHL Cecilisle, Pe.								
Roselend Egg Mash	(256)	22.38	20.00	3.53	2.50	5.00	6.50	----
Roseland Growing Mash	(258)	19.19	18.00	3.35	3.00	4.36	6.00	----
DIETRICH & GAMBRILL, INC. Frederick, Md.								
Gembrill's Laying Mash	(230)	24.00	20.00	4.28	3.00	6.22	7.00	----
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.								
Turkey Sterter Crumbles	(107)	30.50	28.00	3.57	3.00	4.00	4.50	----
EAST FAYETTEVILLE ELEVATOR COMPANY Fayetteville, Pe.								
Superior Egg Mash	(261)	20.75	20.00	3.53	2.50	5.30	6.50	----
ELIZABETH MILLING COMPANY, INC. Elizabeth, Pe.								
Gilt Edge All-Mash Leyer	(252)	16.50	15.00	3.58	3.00	4.94	6.50	----
Gilt Edge Egg Mash	(250)	21.63	20.00	3.11	2.50	5.44	6.50	----
Gilt Edge Pullet Grower	(249)	19.63	18.00	3.21	3.00	4.72	6.00	----
E. L. M. FEED STORES Greencastle, Pe.								
E.L.M. Speciel Egg Mash	(272)	23.44	21.50	3.70	4.00	4.50	5.00	----
ELVERSON SUPPLY COMPANY Elverson, Pe.								
Elverson Laying Mesh	(506)	21.19	20.00	3.64	4.00	5.31	7.00	----
JOHN W. ESHELMAN & SONS Lancaster, Pe.								
Red Rose Growing Mash	(477)	20.69	18.00	3.48	3.50	5.08	7.00	----
Red Rose Laying Mash	(476)	21.88	20.00	3.41	3.50	5.09	5.50	----
Red Rose Turkey Grower	(479)	22.31	20.00	3.52	3.50	5.34	8.00	----
J. B. EWING Orbisonia, Pa.								
Top Notch 20% Laying Mesh	(426)	21.82	20.00	4.48	3.00	5.50	7.50	----
JAY E. FISHER Sheakleyville, Pa.								
Fisher's (All Mash) Growing Mash	(172)	17.44	15.00	3.61	3.00	5.58	7.00	----

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
FRANKLIN MILLING COMPANY Mifflinburg, Pa.								
Franklin Laying Mash	(151)	21.50	20.00	3.78	3.50	5.23	8.00	----
FURRY'S MILL Loysburg, Pa.								
Furry's Economy Egg Mash	(420)	22.80	20.00	3.96	3.50	4.36	5.50	----
H. L. GARRISON & BROTHER Barwick, Pa.								
Chick Starter Growing Mash	(190)	22.25	20.00	4.96	5.00	4.59	7.00	----
GENERAL MILLS, INCORPORATED Minneapolis, Minn.								
Gold Medal Layer Mash	(461)	22.25	20.00	3.61	3.00	7.07	8.00	----
Larro Surechick	(248)	21.82	20.00	3.66	3.00	4.09	6.00	----
Larro Surelay "H-E"	(247)	24.12	20.00	3.14	2.50	4.57	7.00	----
HALES & HUNTER COMPANY Chicago, Ill.								
Red Comb Egg Mash	(162)	21.19	20.00	5.31	3.00	4.81	6.50	----
HANEY MILLING COMPANY Danville, Pa.								
Ideal Egg Mash	(203)	21.19	20.00	2.99	2.50	6.95	7.00	----
HARPER FEED MILLS, INC. Washington, Pa.								
Top Profit Laying Mash	(97)	25.56	20.00	4.66	3.00	5.36	6.00	----
F. D. HARTZEL'S SONS COMPANY Chalfont, Pa.								
Perfection Growing Mash	(579)	22.56	18.00	3.43	3.00	6.67	6.50	----
Perfection Hi-N-Rg Egg Maal	(578)	22.63	20.00	3.53	2.50	5.49	6.00	----
A. K. HEPLER & SON Youngwood, Pa.								
Haplar's Atomic Growing Mash	(519)	20.31	19.00	3.74	3.50	5.11	7.00	----
Haplar's Atomic Laying Mash	(520)	21.63	20.00	4.38	3.00	5.08	6.75	----
HERSHBERGER'S, INC. Windbar, Pa.								
Quality Egg Mash	(346)	21.00	21.00	*3.81	4.50	6.10	7.50	----
THE HERRMAN-MCLEAN COMPANY Cleveland, Ohio								
Ohio Egg Mash	(485)	24.25	20.00	5.20	3.00	6.51	8.00	----
C. J. HESS Shada Gap, Pa.								
Egg Mash	(427)	17.81	17.00	4.66	4.00	5.19	5.50	----
J. F. HOGSETT & SONS Uniontown, Pa.								
Hogsatt's Laying Mash	(339)	20.06	18.00	3.66	2.50	5.61	7.00	----
HOLSOPPLE FEED MILL Holsopple, Pa.								
Four Star Quality Feeds Growing Mash	(349)	20.38	18.00	3.18	3.00	5.25	6.50	----
Four Star Quality Feeds Laying Mash	(348)	23.81	22.00	3.36	3.00	5.92	6.00	----
JOHN J. HOOBER Gordonville, Pa.								
Hoover 21% Broiler Mash	(499)	23.13	21.00	3.91	3.00	4.48	5.00	----
HOWELL & SONS & JOHNSON Morrisville, Pa.								
Ho So Jo Laying Mash	(311)	21.56	18.00	4.10	3.50	6.43	8.50	----
"Our Own" Chick Starter	(312)	22.44	17.50	4.47	3.50	7.13	7.50	----

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
HUBER BROTHERS Schaefferstown, Pa.								
Huber's Laying Mash	(298)	18.31	18.00	3.64	4.00	6.89	8.00	----
WILLIAM H. HUDSON & COMPANY Greensburg, Pa.								
Rudson's Laying Mash	(514)	22.13	20.00	3.39	3.00	4.77	6.00	----
HUNTSINGER'S MILL Hagins, Pa.								
Golden Star Quality H1 Energy Broiler	(200)	25.50	23.00	3.31	3.00	2.73	4.00	----
JUNIATA ROLLER MILLS Thompsontown, Pa.								
Burns' Egg Mash	(146)	17.44	18.00	3.87	2.50	4.73	7.00	----
Burns' Quality Growing Mash	(145)	20.56	17.00	*3.51	4.00	4.29	6.50	----
Burns' Quality Laying Mash	(144)	23.19	20.00	3.93	3.50	4.98	6.50	----
KASCO MILLS A DIVISION OF CORN PRODUCTS SALES COMPANY Waverly, N. Y.								
Kesco Egg Producer	(544)	23.44	20.00	5.01	3.50	4.85	7.00	----
KELLEY'S MILL Washingtonville, Pa.								
Kelley's Laying Mash	(205)	18.63	18.00	5.93	3.50	6.59	10.00	----
W. R. KENDALL Webster Mills, Pa.								
Kandell's Egg Mash	(431)	19.88	20.00	3.87	2.50	4.64	6.50	----
KEYSTONE FEED & FARM PRODUCTS CORPORATION Connellsville, Pa.								
Keystone Best Layer	(328)	22.19	20.00	3.24	2.50	4.31	9.00	----
KNITTLE & PREY FEED MILLS Williamsport, Pa.								
K & F 20% Laying Mash	(397)	21.06	20.00	4.19	3.00	4.78	7.00	----
H. B. KRATZ & SONS Schwanksville, Pa.								
Ideal Laying Mash	(574)	21.94	20.00	4.32	4.00	5.04	8.00	----
Ideal Starting & Growing Mash	(575)	21.82	20.00	4.28	3.50	4.59	6.00	----
LANTZY MILLING COMPANY Barnesboro, Pa.								
Blue Band Laying Mash	(455)	20.75	19.00	4.45	4.00	5.98	8.00	----
Blue Band Starter & Grower	(456)	21.31	20.00	4.07	3.50	4.74	6.00	----
A. F. LEIDY Delphi, Pa.								
Laidy's Growing Mash	(576)	19.56	18.00	3.56	3.00	5.62	6.50	----
LIGONIER MILLS, INC. Ligonier, Pa.								
Gilt Edge Egg Mash	(526)	21.82	20.00	3.27	2.50	6.03	6.50	----
LOTTSVILLE MILLING COMPANY Lottsville, Pa.								
Brokenstraw Laying Mash	(483)	21.25	20.00	4.96	2.50	6.22	7.00	----
Brokenstraw Starting & Growing Mash	(482)	18.56	18.00	4.51	4.00	4.82	7.00	----
W. H. MANBECK & COMPANY Mifflin, Pa.								
Juniata Broiler Mash	(148)	22.19	20.00	4.09	2.60	3.62	4.60	----
Juniata Starter & Grower Mash	(149)	21.00	20.00	4.76	3.30	4.70	5.30	----
MATHEWS FLOUR & FEED MILL Jonas Mills, Pa.								
Supreme Egg Mash	(524)	18.63	20.00	2.86	2.50	2.45	6.50	----

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MCMILLEN FEED MILLS DIVISION OF CENTRAL SOYA COMPANY Port Wayne, Ind.							
Master Mix Pullat Grower (357)	21.31	18.00	3.50	2.50	7.37	7.00	----
Master Mix Turkey Grower (359)	23.38	20.00	3.37	2.50	5.94	7.00	----
MENCER'S FARM SUPPLY STORE Jarsay Shora, Pe.							
Mencar's Starting & Growing Mash (400)	22.44	20.00	2.78	3.00	5.64	7.00	----
MIDWAY MILLS Lebanon, Pa.							
Midway Turkey Grower (300)	22.06	20.00	3.24	2.50	4.65	6.50	----
MIFFLINBURG FARMERS EXCHANGE, INC. Mifflinburg, Pa.							
Farmers Egg Mash (158)	21.69	20.00	4.11	2.50	4.51	7.00	----
Farmers Turkey Grower (159)	19.81	20.00	3.53	2.50	6.27	7.00	----
H. H. MILLER Paxtonia, Pe.							
Miller's 20% Laya Mash (290)	21.38	20.00	4.31	3.50	5.11	8.00	----
MILLER FEED & IMPELEMENT COMPANY Stewartstown, Pa.							
Miller's Laying Mash (127)	20.44	20.00	3.92	4.00	5.96	7.00	----
Miller's Starting & Growing Mash (130)	19.19	20.00	3.87	4.00	4.96	6.50	----
MILROY FEED & GRAIN COMPANY Milroy, Pe.							
Milroy's 20% Chick Starter & Grower Mash (136)	19.31	20.00	3.89	3.00	4.96	8.00	----
Milroy's 20% Egg Mash (137)	19.75	20.00	3.46	3.00	4.38	8.00	----
S. K. MINOR & SON Arden, Pe.							
Minor's Laying Mash (100)	22.69	20.00	3.08	3.00	6.83	8.00	----
MITCHELL MILLING COMPANY Clearfield, Pa.							
Chick Starter-Grower Mash (453)	24.69	20.00	3.74	3.50	6.17	8.00	----
Laying Mash (454)	21.75	18.00	2.98	2.50	7.00	8.00	----
MOYER & SON Souderton, Pa.							
M & S Laying Mash (561)	26.19	20.00	3.87	3.50	6.18	7.50	----
M & S Pullat Mash (562)	22.50	19.00	4.00	3.50	6.89	8.00	----
MURPHY & CLOUSE FEED MILL Boiling Springs, Pa.							
M-C 20% Laying Mash (266)	24.44	20.00	2.84	3.00	4.69	6.75	----
EDGAR W. MUTH Springtown, Pa.							
Muth's Egg Mash (325)	20.94	20.00	3.95	3.50	5.00	8.00	----
NYCE'S SUPPLY YARDS New Brittein, Pa.							
Gilt Edge All Mash Crumbles (308)	16.88	15.50	3.92	3.00	3.83	6.00	----
OAK FOREST MILLING COMPANY Weynasburg, Pa.							
Oak Leaf Egg Mash (111)	20.31	20.00	4.40	2.50	5.69	7.00	----
OMWAKE & OLIVER Graancastla, Pe.							
Antrim Egg Mash (268)	21.25	21.00	4.13	3.00	5.91	9.00	----
THE PARK & POLLARD COMPANY, INC. Buffalo, N. Y.							
Lay or Bust Egg Mash (239)	18.69	20.00	3.51	3.50	4.41	5.00	----

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
POTTSTOWN ROLLER MILLS Pottstown, Pa.								
Just Right Egg Mash	(573)	22.00	18.00	3.99	3.50	5.50	7.00	----
PRATT FOOD COMPANY Hammond, Ind.								
Prett's Supreme Laying Mash (Pellets)	(354)	22.44	20.00	4.24	3.00	5.87	6.00	----
PRITTS FEED MILL, INC. Mount Pleasant, Pa.								
Gilt Edge Egg Mash	(521)	21.19	20.00	3.86	2.50	6.07	6.50	----
Gilt Edge Pullet Grower	(522)	20.25	18.00	3.43	3.00	6.22	6.00	----
PRITTS FEED & SUPPLY COMPANY Smithton, Pa.								
Ley-O Egg Mash	(523)	19.94	20.00	3.23	2.50	5.67	6.50	----
THE QUAKER OATS COMPANY Chicago, Ill.								
Ful-O-Pep Egg Breeder Ration	(363)	16.13	16.00	4.54	4.00	7.23	8.00	----
Ful-O-Pep Growing Mash	(362)	19.38	19.00	4.06	3.50	7.61	8.00	----
Ful-O-Pep Growing Mash	(446)	19.88	19.00	4.07	3.50	7.47	8.00	----
Ful-O-Pep Laying Mash	(365)	21.94	20.00	3.62	3.00	7.74	8.00	----
RALSTON PURINA COMPANY St. Louis, Mo.								
Purina Leyene (Complete Ration) G	(470)	18.38	16.50	5.64	3.50	3.24	4.50	----
RED LION MILLING COMPANY Red Lion, Pa.								
Egg Mash	(114)	20.38	20.00	3.56	2.50	6.46	8.00	----
THE RICHARDS MILLING COMPANY Cortland, Ohio								
Success Laying Mash	(444)	22.75	18.00	3.14	2.50	7.31	9.00	----
RICHLAND FEED COMPANY Richlandtown, Pa.								
Richland Egg Mash	(321)	21.06	20.00	4.36	3.50	7.09	7.00	----
H. F. RIESER'S SONS, INC. West Leesport, Pa.								
Hi-Vite Egg Breeder Mash	(218)	21.31	21.00	4.27	3.50	5.53	7.00	----
D. R. RISHEL Ottawa, Pa.								
Rishel's Quality Pullet Grower	(206)	20.13	18.00	3.88	3.00	4.89	6.00	----
S & R FEED COMPANY Quakertown, Pa.								
S & R Laying Mash	(319)	21.75	20.00	3.23	3.00	5.29	8.00	----
SHELLY BROTHERS Perkasie, Pa.								
Shelly Bros. Quality Broiler Mash	(316)	23.06	19.00	4.34	3.00	4.14	7.00	----
H. K. SHENK Sheridan, Pa.								
Shenk's Ultra-Lifed 20% Laying Mash	(302)	22.69	20.00	3.26	3.00	4.31	6.75	----
SMITH MILLING COMPANY Mt. Union, Pa.								
Smith's Nu-Way Egg Mash	(424)	16.88	17.00	4.63	4.41	4.98	5.00	----
SNOOK'S MILL Mifflinburg, Pa.								
Just Right Egg Mash	(157)	20.56	18.00	3.95	2.50	6.58	8.00	----
ESTATE OF GEO. S. SNYDER, INC. Hetfield, Pa.								
Snyder's 20% Laying Mash	(565)	23.63	20.00	3.98	3.00	4.61	6.50	----

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
SNYDER MILLING COMPANY Nazareth, Pa.								
Gold Star 22% Laying Mash	(552)	23.31	22.00	4.17	4.00	7.04	7.00	----
SPRING GARDEN MILL Newtown, Pa.								
Spring Garden Egg Mash	(310)	22.13	20.00	4.39	4.50	5.60	7.00	----
LEROY T. STAMMEL Harrisburg, Pa.								
Stammel's Egg Mash	(289)	22.69	20.00	3.24	3.50	6.67	8.00	----
STEWARTSTOWN MILLING COMPANY, INC. Stewartstown, Pa.								
Banner 20% Egg Mash	(131)	23.00	20.00	4.84	3.00	4.12	7.50	----
Banner Mono-Mash	(132)	23.13	20.00	4.41	3.50	4.40	7.50	----
Banner Turkey Grower	(135)	22.69	20.00	4.03	3.00	5.10	7.00	----
EDWIN F. STOVER ESTATE Perkasie, Pa.								
Stover's Diamond Laying Mash	(317)	22.44	20.00	4.89	3.00	5.68	8.00	----
P. O. SUNDAY Carlisle, Pa.								
Cumberland Lay Mash	(274)	22.06	20.00	4.13	3.50	5.61	8.00	----
W. M. TEMPLETON & SONS Houston, Pa.								
Templeton's Egg Mash	(103)	22.50	20.00	3.59	3.00	7.12	8.00	----
THRIFT FEED MILLS, INC. Doylestown, Pa.								
Thriftee Egg Mash	(582)	23.06	20.00	5.08	4.00	6.02	5.50	----
Thriftee Growing Mash	(583)	22.94	20.00	*3.54	4.00	*6.22	5.50	----
JACOB TRINLEY & SONS, INC. Linfield, Pa.								
Trinley's Real Egg & Breeder Mash	(571)	23.50	20.00	5.04	3.00	6.86	8.00	----
THE UBIKO MILLING COMPANY Cincinnati, Ohio								
Life Guard Egg and Breeder Mash	(238)	22.81	20.00	4.93	3.50	6.94	8.00	----
Life Guard Egg and Breeder Mash	(241)	22.00	20.00	5.22	3.50	6.12	8.00	----
WILLIAM UMBERGER COMPANY Lebanon, Pa.								
Umberger's Egg Mash	(297)	21.38	20.00	3.57	3.00	5.19	8.00	----
VERITY MILLS, INC. Buffalo, N. Y.								
Verity Oak Laying Mash	(371)	19.50	20.00	3.60	3.00	5.21	7.00	----
C. L. WALKER & SONS Elizabethville, Pa.								
Walker's Egg Mash	(282)	23.38	20.00	3.78	4.00	6.18	8.00	----
C. S. WILLIS & SONS Lemoyne, Pa.								
Willis' Best Laying Mash	(278)	17.56	18.00	4.62	5.00	5.78	8.00	----
Willis' Best Starter & Grower	(279)	17.38	17.50	4.37	4.50	5.47	5.00	----
WINEKA FEED SERVICE Red Lion, Pa.								
Wineka Super Broiler	(125)	25.69	20.00	4.68	3.00	1.96	4.00	----
Wineka Super Chick Starter	(126)	23.50	20.00	3.71	3.00	5.52	6.00	----
Wineka Super Egg Mash	(123)	23.00	20.00	3.28	2.50	5.32	6.50	----
Wineka Super Pullet Grower	(124)	21.06	18.00	3.79	3.00	4.89	6.50	----
WINELAND'S FEED STORE Claysburg, Pa.								
Wineland Egg Mash	(434)	24.38	20.00	3.76	3.00	7.52	7.00	----

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
WOODBURY MILLING COMPANY Woodbury, Pa.								
Crown 16% Laying Mash	(423)	16.63	16.00	3.94	3.25	5.14	8.00	----
F. S. YOST'S SON Pleasant Valley, Pa.								
Yost's S. P. Mash	(323)	19.75	18.00	3.92	3.50	6.83	7.00	----
Average		21.50		3.96		5.56		
<u>SCRATCH FEEDS</u>								
CHAS. M. COX COMPANY Boston, Mass.								
Wirthmore Production Scratch	(237)	10.31	9.50	2.41	2.50	3.42	4.00	----
HERSHBERGERS, INC. Johnstown, Pa.								
Quality Scratch Grain	(347)	11.13	10.00	2.47	2.50	2.86	5.00	----
KASHNER BROTHERS Denville, Pa.								
Green Diamond Scratch Feed	(204)	11.31	8.00	2.97	2.00	3.65	6.00	----
MILLER FEED & IMPLEMENT COMPANY Stewartstown, Pa.								
Miller's Scratch Grains	(129)	11.44	9.00	3.06	2.50	2.65	5.00	----
THE QUAKER OATS COMPANY Chicago, Ill.								
Full-O-Pep Scratch Grains	(364)	10.31	9.00	2.83	2.50	1.98	3.50	----
WESTMORELAND FARM BUREAU COOPERATIVE ASSOCIATION Greensburg, Pa.								
Farm Bureau Coarse Scratch	(534)	11.13	9.00	2.81	2.00	2.47	4.00	----
Average		10.94		2.76		2.84		
<u>SMALL ANIMAL FEEDS</u>								
<u>Cat Foods</u>								
AMERICAN CRABMEAT COMPANY, INC. Boston, Mass.								
3 Little Kittens All Fish Cat Food	(10)	17.02	15.00	0.48	0.50	0.11	0.10	----
COAST FISHERIES DIVISION OF THE QUAKER OATS COMPANY Wilmington, Calif.								
Puss 'n Boots Cat Food	(16)	12.92	12.00	2.97	2.00	0.87	1.00	----
Puss 'n Boots Cat Food	(585)	12.26	12.00	6.91	2.00	1.00	1.00	----
Puss 'n Boots Cat Food	(586)	11.92	12.00	*1.37	2.00	0.71	1.00	----
Puss 'n Boots Cat Food	(587)	12.85	12.00	4.82	2.00	0.69	1.00	----
FLAG PET FOOD CORPORATION New York, N. Y.								
Flag Pussy Cat Food	(11)	12.48	10.00	*0.88	2.00	1.05	1.00	----
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y.								
Daily Cat Food	(44)	13.29	10.00	1.89	2.00	1.17	1.50	----
USEN CANNING COMPANY Boston, Mass.								
Tabby All Fish Cat Food	(21)	16.97	16.00	0.38	0.30	0.19	0.30	----
Tabby All Fish Cat Food	(33)	16.67	16.00	0.45	0.30	0.12	0.30	----
Average		14.04		2.24		0.66		
*Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>Dog and Cat Foods</u>								
CANINE FOOD & PRODUCTS COMPANY Philadelphia, Pa.								
Beef Liver 100% Baaf Livar Dog & Cat Food	(380)	*11.64	16.00	4.54	2.00	*0.12	0.10	----
F. W. EVANGER Wheeling, Ill.								
Evanger's Dog & Cat Food (Horsemaat with Chicken)	(78)	*16.73	25.00	12.14	5.00	0.41	---	----
Average		14.19		8.34		0.27		
<u>Dog Foods</u>								
ALBERS MILLING COMPANY DIVISION OF CARNATION COMPANY Kansas City, Mo.								
Friskies Dog Food	(9)	11.69	10.00	3.92	2.50	0.58	1.00	----
Friskies Dog Food	(52)	10.66	10.00	6.04	2.50	0.70	1.00	----
ALLEN PRODUCTS COMPANY Allentown, Pa.								
Al-Po Chopped Chicken Ration Dog Food	(26)	12.80	10.00	5.33	3.00	0.06	1.50	----
Al-Po Chopped Chicken Retion Dog Food	(69)	12.92	10.00	7.94	3.00	0.14	1.50	----
Al-Po Choppad Chickon Ration Dog Food	(70)	12.59	10.00	4.01	3.00	0.14	1.50	----
Al-Po Cubad Beef Products Dog Food	(18)	16.39	15.00	6.02	2.50	0.10	1.50	----
Al-Po Cubed Beef Products Dog Food	(57)	16.51	15.00	6.71	2.50	0.20	1.50	----
Al-Po Cubad Horsemeat Ration Dog Food	(3)	15.02	14.50	3.53	2.00	0.08	1.50	----
Al-Po Cubad Horsemeat Ration Dog Food	(39)	17.39	14.50	8.35	2.00	0.20	1.50	----
Al-Po Cubad Horsemeat Ration Dog Food	(56)	15.31	14.50	9.22	2.00	0.46	1.50	----
AMERICAN STORES COMPANY Philadelphia, Pa.								
Play Boy Dog Food (Beef Ration)	(12)	*12.07	15.00	16.58	3.00	0.08	1.50	----
Play Boy Dog Food (Beef Ration)	(36)	*12.96	15.00	20.19	3.00	0.11	1.50	----
Play Boy Dog Food (Beef Ration)	(60)	*11.01	15.00	10.73	3.00	0.25	1.50	----
Play Boy Dog Food (100% Horsemeat)	(13)	14.37	15.00	8.15	3.00	0.17	1.50	----
Play Boy Dog Food (100% Horsemeat)	(37)	14.61	15.00	8.87	3.00	0.13	2.00	----
Play Boy Dog Food (100% Horsemeat)	(61)	*11.80	15.00	12.19	3.00	0.31	1.50	----
ARMOUR & COMPANY Chicago, Ill.								
Dash Armour Dog Food	(28)	11.51	10.50	2.83	2.50	0.56	1.00	----
Dash Armour Dog Food	(41)	11.95	10.50	3.12	2.50	0.54	1.00	----
ATLAS CANNING COMPANY, INC. Glendale, Long Island, N. Y.								
Laddie Boy Ground Beef Dog Food	(32)	14.49	14.00	9.60	2.50	0.09	1.00	----
Laddia Boy Ground Beef Dog Food	(55)	*12.36	14.00	8.09	2.50	0.20	1.00	----
B. A. BERNARD PACKING COMPANY Philadelphia, Pa.								
Cedillac Baaf Dog Food	(384)	*11.16	14.00	8.35	6.00	0.39	1.00	----
Cedillac Chicken Dog Food	(383)	*8.14	14.00	*3.95	8.00	0.14	1.00	----
Cadililec Cooked Dog Food	(381)	8.40	8.00	2.78	2.00	0.48	1.50	----
Cadillac Horse Meat Dog Food	(382)	*10.26	14.00	6.67	6.00	0.19	1.00	----
BEST FEEDS & FARM SUPPLIES, INC. Washington, Pa.								
Joy Dog Food	(76)	26.88	26.00	8.56	7.00	3.04	4.00	----
My Own Chippy Dog Food	(77)	31.13	25.00	6.67	6.00	3.77	4.00	----
BUCHXEY FEED MILLS, INC. Dalton, Ohio								
Buckeye Dog Food	(353)	26.25	26.00	5.14	4.50	3.72	6.00	----
CALO DOG FOOD COMPANY, INC. Oakland, Calif.								
Calo Dog Food	(6)	11.92	10.00	4.20	2.00	0.75	1.00	----
*Deficient								

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
CANINE FOOD & PRODUCTS COMPANY Philadelphie, Pa.							
Leen Fresh Horse Meet for Dogs (388)	*11.64	18.00	12.63	2.60	0.15	1.50	----
Trim Beef All Meat Dog Food (377)	*12.38	15.00	6.76	6.00	0.50	1.00	----
Trim Beef By-Products & Beef for Dogs (391)	*12.75	15.00	8.95	8.00	0.08	1.00	----
Trim Biscuit Bones (387)	21.56	21.00	1.89	2.00	1.16	3.00	----
Trim Chicken 100% Chicken Dog Food (379)	* 9.48	14.00	*2.67	8.00	*0.13	0.10	----
Trim Cooked Dog Food Formule A (378)	8.33	8.00	7.96	2.00	0.43	1.50	----
Trim Fresh Horse Meet for Dogs (389)	20.47	18.00	*2.05	2.60	0.08	1.50	----
Trim Ground Meet (390)	*12.51	18.00	14.08	2.60	0.11	1.50	----
Trim Kibble (385)	23.44	21.00	1.78	2.00	1.71	3.00	----
Trim Meal (386)	30.31	25.00	*6.66	8.00	1.62	4.00	----
Trim 100% Pure Horsemeat Dog Food (376)	*12.37	18.00	6.09	2.50	0.33	1.00	----
DOYLE PACKING COMPANY, INC. OF NEW JERSEY Long Branch, N. J.							
Strongheart Dog Food (5)	8.64	8.00	2.22	2.00	0.97	1.50	----
ELNA BRANDS, INCORPORATED Chicago, Ill.							
Dog Club Dog Food (22)	8.70	8.00	*1.62	2.00	1.00	1.25	----
Dog Club Dog Food (53)	8.19	8.00	*0.78	2.00	1.08	1.25	----
THE FOSTER CANNING COMPANY, INC. Farmingdale, N. J.							
Sneppy Dog Food (14)	9.62	9.00	1.17	1.00	1.23	1.50	----
Sneppy Dog Food (38)	10.31	9.00	1.30	1.00	1.16	1.50	----
GOOD EATIN' DOG FOOD COMPANY Philadelphia, Pa.							
Cep'N Dog Food (17)	8.82	8.00	*1.70	2.00	0.89	1.50	----
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y.							
Daily Dog Food Diet 1 (4)	11.31	12.00	*2.58	3.00	1.13	1.50	----
Daily Dog Food Diet 1 (45)	12.19	12.00	3.09	3.00	1.20	1.50	----
Daily Dog Food Diet 2 (46)	12.44	12.00	2.78	3.00	0.97	1.50	----
Daily Dog Food Diet 2 (66)	10.88	12.00	*2.49	3.00	1.04	1.50	----
HARPER FEED MILLS, INC. Washington, Pa.							
Herco Dog Food (81)	28.44	24.00	7.83	4.00	3.11	3.50	----
HUSKY DOG FOOD COMPANY Philadelphia, Pa.							
Husky Beef All Meet Dog Food (74)	*12.84	15.00	7.89	6.00	0.19	1.00	----
Husky Chicken Dog Food (72)	19.53	18.00	8.41	6.00	0.32	0.50	----
HUSKY FOOD PRODUCTS, INC. Wyncote, Pa.							
Bold Chicken Flavor Dog Food (73)	18.39	18.00	6.51	6.00	0.32	0.50	----
KASCO MILLS A DIVISION OF CORN PRODUCTS SALES COMPANY Weverly, N. Y.							
Kesco Complete Dog Retion (546)	30.44	25.00	10.06	8.00	2.78	4.00	----
MARNAT PACKING COMPANY Bennettsville, S. C.							
Big Time Dog Food 100% Horsemeat (34)	14.92	15.00	13.63	3.00	0.34	1.00	----
Big Time Dog Food 100% Horsemeat (58)	14.49	15.00	3.75	3.00	0.30	1.00	----
MARTEL BROTHERS Chester, Pa.							
Mertel's Dog Food (71)	10.00	10.00	3.50	2.00	0.88	1.00	----
DR. GEORGE C. MELODY Greensburg, Pa.							
Dr. Melody's Dog Food (86)	9.36	8.00	4.62	2.00	1.47	1.50	----
*Deficient							

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
JOHN MORRELL & COMPANY Ottumwa, Iowa								
Red Heart Dog Food (Beef Flavor)	(29)	11.84	10.50	2.56	2.50	0.58	1.00	---
Red Heart Dog Food (Beef Flavor)	(62)	11.13	10.50	3.29	2.50	0.74	1.00	---
Red Heart Dog Food (Liver Flavor)	(54)	12.02	10.50	2.67	2.50	0.64	1.00	---
Red Heart Dog Food (Liver Flavor)	(63)	11.69	10.50	3.40	2.50	0.71	1.00	---
NEET PET SUPPLY COMPANY Philadelphia, Pa.								
Neet Pet Dog Food (Ground Horse Meat) for Animal Consumption	(392)	20.74	18.00	*0.83	2.60	0.10	1.50	---
Neet Pet Dog Food (Ground Horse Meat) for Animal Consumption	(393)	*13.79	18.00	5.12	2.60	0.16	1.50	---
PERK DOG FOOD COMPANY Chicago, Ill.								
Peak (100% Horsemeat) Dog Food	(2)	18.37	17.00	8.76	3.50	0.15	1.00	---
Peak (100% Horsemeat) Dog Food	(67)	17.59	17.00	9.67	3.50	0.20	1.00	---
Perk Dog Food	(23)	13.12	12.00	3.88	2.00	1.10	1.00	---
Perk Dog Food	(48)	13.59	12.00	3.54	2.00	*1.11	1.00	---
PRIDE, INCORPORATED Philadelphia, Pa.								
Horse Meat	(85)	18.20	18.00	3.25	3.00	0.63	1.00	---
QUAKER CITY PACKING COMPANY, INC. Allentown, Pa.								
Quaker City Beef All Meat Dog Food	(35)	13.57	15.00	13.63	6.00	0.13	1.00	---
THE QUAKER OATS COMPANY Chicago, Ill.								
Chappel Horsemeat	(47)	15.69	15.00	16.69	10.00	0.14	1.00	---
Ken-L Ration	(27)	10.30	10.00	5.62	4.00	0.56	1.00	---
Ken-L Ration	(40)	9.15	10.00	5.55	4.00	0.36	1.00	---
RE-DAN PACKING COMPANY Ozone Park, Long Island, N. Y.								
Cadet Dog Food	(15)	7.85	8.00	3.31	2.00	1.11	1.50	---
Cadet Dog Food	(59)	10.34	8.00	3.46	2.00	1.02	1.50	---
RIVAL PACKING COMPANY Chicago, Ill.								
Rival Dog Food	(31)	12.91	11.50	2.85	2.50	1.01	1.00	---
SOMERSET MILLING COMPANY Somerset, Pa.								
Just Right Dog Food	(345)	23.06	24.00	4.16	3.00	3.96	5.00	---
SPRATT'S PATENT (AMERICA) LTD. Newark, N. J.								
Spratt's Complete Dog Dinner (Chicken Flavor)	(24)	11.11	10.00	4.06	4.00	1.19	1.50	---
Spratt's Complete Dog Dinner (Chicken Flavor)	(51)	11.54	10.00	4.11	4.00	1.17	1.50	---
SWIFT & COMPANY Chicago, Ill.								
Pard, Swift's Dog Food	(77)	10.69	10.50	4.06	2.50	0.46	1.00	---
Pard, Swift's Dog Food	(19)	12.29	10.50	4.49	2.50	0.46	1.00	---
Pard, Swift's Dog Food	(42)	11.34	10.50	3.97	2.50	0.46	1.00	---
THRIVO COMPANY, INCORPORATED Philadelphia, Pa.								
Thrive Dog Food	(20)	11.41	10.00	2.81	3.00	0.95	1.50	---
Thrive Dog Food	(65)	10.88	10.00	*2.43	3.00	0.85	1.50	---
UNIVERSAL CANNING COMPANY, INC. Philadelphia, Pa.								
Tippie Dog Food (All Beef)	(30)	*12.79	15.00	12.46	3.00	0.19	1.50	---
Tippie Dog Food (All Beef)	(50)	*11.92	15.00	11.94	3.00	0.26	1.50	---
Tippie Dog Food (All Chicken)	(25)	16.02	15.00	11.43	3.00	0.22	1.00	---
Tippie Dog Food (All Chicken)	(49)	13.97	15.00	10.01	3.00	0.19	1.00	---
*Deficient								

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
VETS' DIVISION OF PERK DOG FOOD COMPANY Chicago, Ill.								
Vets' Dog Food	(1)	10.87	10.00	1.98	2.00	0.99	1.50	----
Vets' Dog Food	(68)	9.79	10.00	2.34	2.00	1.39	1.50	----
WAYNESBURG MILLING COMPANY Waynesburg, Pa.								
Wayco Dog & Puppy Food	(105)	23.25	23.00	7.16	6.00	2.94	5.00	----
WILSON & COMPANY Chicago, Ill.								
Ideal Dog Food	(8)	10.93	10.00	5.07	2.00	0.62	1.00	----
Ideal Dog Food	(43)	10.99	10.00	4.02	2.00	0.69	1.00	----
Ideal Dog Food	(64)	9.79	10.00	5.49	2.00	0.55	1.00	----
Average		13.96		6.01		0.77		
<u>Pigeon Feeds</u>								
PRATT FOOD COMPANY Hammond, Ind.								
Pratt's Pigeon Feed - No Corn	(355)	14.63	12.00	2.37	2.00	3.02	4.00	----
Average		14.63		2.37		3.02		
<u>Rabbit Feeds</u>								
R. S. ALTMAN Irwin, Pa.								
Altman's Rabbit Pellets	(367)	19.56	16.00	3.52	3.00	8.41	10.00	----
BUCKEYE FEED MILLS, INC. Dalton, Ohio								
Buckeye Complete Rabbit Pellets	(352)	18.31	16.00	3.39	3.00	15.86	15.00	----
MCMILLEN FEED MILLS DIVISION OF CENTRAL SOYA COMPANY Fort Wayne, Ind.								
Master Mix Complete Rabbit Pellets	(368)	18.06	15.00	3.29	2.00	12.09	16.00	----
READING MILLING COMPANY, INC. Reading, Pa.								
Faramel Rabbit Food Pellets	(222)	15.13	13.00	3.48	3.00	17.73	15.00	----
THE RICHARDS MILLING COMPANY Cortland, Ohio								
Richards Rabbit Pellets	(374)	16.75	16.00	4.84	3.00	11.07	15.00	----
Average		17.56		3.70		13.05		
<u>STEER AND STOCK FEEDS</u>								
F. M. BROWN'S SONS, INC. Birdsboro, Pa.								
Brown's Beef Booster	(228)	43.13	40.00	2.10	1.00	7.36	9.00	----
PENN STATE FARMERS' EXCHANGE, INC. Hummelstown, Pa.								
Penn State All Purpose Stock Feed	(293)	15.00	12.00	3.14	2.00	8.35	9.00	----
SACRAMENTO ROLLER MILLS Sacramento, Pa.								
Sacromill Steer Feed	(198)	13.38	10.00	3.30	3.00	4.69	12.00	----
WAYMART MILLING COMPANY Waymart, Pa.								
Stock-Feed 12% Ration	(414)	14.63	12.00	3.76	4.00	6.22	9.00	----
Average		21.53		3.07		6.65		
*Deficient								

TABLE 11. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>SWINE CONCENTRATES</u>								
ALLIED MILLS, INCORPORATED Chicago, Ill.								
Wayne Hog Balancer	(361)	37.00	35.00	1.82	1.50	6.06	8.00	----
BECK'S FEED & GRAIN, INC. Kutztown, Pa.								
Beck's Hog Supplement	(219)	33.06	35.00	6.16	5.00	*7.09	5.00	----
BERKS COUNTY COOPERATIVE ASSOCIATION Temple, Pa.								
34% Hog Supplement	(226)	35.69	34.00	4.62	3.00	8.34	9.00	----
BROSIOUS MILLS Rebuck, Pa.								
Klock's Hog Supplement	(196)	36.75	35.00	3.19	2.50	6.69	8.00	----
F. M. BROWN'S SONS, INC. Birdsboro, Pa.								
Brown's 36% Hog Supplement	(227)	36.19	36.00	4.62	3.00	6.23	8.00	----
COMMUNITY FEED MILL Berwick, Pa.								
Supreme 35% Hog Concentrate	(191)	39.75	35.00	3.44	1.50	3.45	8.00	----
KASCO MILLS A DIVISION OF CORN PRODUCTS SALES COMPANY Waverly, N. Y.								
Kasco Pig 'N Sow Concentrate	(443)	39.25	35.00	1.81	1.50	5.92	7.00	----
S. E. MENGLE'S SONS Pottsville, Pa.								
Semson's Ultra-Lifed 35% Hog Concentrate	(202)	39.50	35.00	3.41	1.50	5.23	8.00	----
MURPHY & CLOUSE FEED MILL Boiling Springs, Pa.								
M-C 35% Hog Concentrate	(267)	40.44	35.00	2.12	1.50	6.24	8.00	----
RALSTON PURINA COMPANY St. Louis, Mo.								
Purina Sow & Pig Chow (Supplement)	(166)	33.25	32.00	2.53	2.50	6.28	9.00	----
ROHM'S FEED MILL Breezewood, Pa.								
32% Hog Concentrate	(432)	36.44	32.00	4.82	4.00	8.65	6.00	----
Average		37.03		3.50		6.38		
<u>SWINE FEEDS</u>								
ALLIED MILLS, INCORPORATED Chicago, Ill.								
Wayne Pork Maker	(463)	15.38	14.00	4.14	3.00	6.80	8.00	----
R. S. ALTMAN Irwin, Pa.								
Altman's Hog Feed	(179)	16.69	15.00	3.64	3.00	6.92	8.00	----
Altman's Hog Feed	(517)	16.50	15.00	2.71	3.00	7.50	8.00	----
ARENEL FARMS Shoemakersville, Pa.								
Arenel 19% Pig Starter Grower and Breeder	(216)	19.31	19.00	3.27	2.50	6.42	8.00	----
CHARLES R. BAHN Windsor, Pa.								
Bahn's 18% Pig & Sow Ration	(118)	18.44	18.00	3.85	3.00	6.40	7.50	----
-----*Deficient								

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
C. S. BALDWIN Burnt Cabins, Pa.								
Queen of the Valley Pig & Hog Meal	(430)	16.69	18.00	2.79	3.00	4.74	6.00	----
BANNER FLOUR MILLS Fairchance, Pa.								
Banner Pig & Hog Feed	(335)	17.75	15.00	3.64	4.00	7.09	7.00	----
C. R. BERGER Trout Run, Pa.								
Round Top Hog Fattener	(401)	16.44	15.00	3.98	3.50	7.80	8.00	----
BOILING SPRINGS FEED MILL Boiling Springs, Pa.								
K & C Pig & Hog Meal	(264)	16.56	14.00	3.79	3.00	5.85	8.00	----
BROWN & FASSETT Tunkhannock, Pa.								
B. & F. Hog Ration	(406)	19.31	17.00	6.05	5.00	6.38	8.00	----
CANONSBURG MILLING COMPANY Canonsburg, Pa.								
Gilt Edge Hog Feed	(93)	*11.69	14.00	2.59	2.00	6.06	7.00	----
CHAMBERS & SMITH West Grove, Pa.								
Big Elk Hog Feed	(505)	21.00	15.00	3.44	3.50	5.12	7.50	----
COOPERATIVE G.L.F. EXCHANGE INCORPORATED Ithaca, N. Y.								
14% Hog Feed	(547)	17.50	14.00	3.67	3.00	4.50	5.00	----
IRWIN K. CURRY Swatara Station, Pa.								
Swatara 11% Hog Fattener	(288)	16.75	11.00	2.76	2.50	5.91	6.00	----
DEWALD'S MILL Bloomsburg, Pa.								
DeWald's Pig & Hog Meal	(195)	17.81	16.00	3.70	3.50	6.00	8.00	----
W. A. DIEHL Carlisle, Pa.								
Roseland Sow and Pig Meal	(257)	16.56	16.00	*2.81	4.00	4.37	8.00	----
DUBLIN MILLING COMPANY Dublin, Pa.								
Dublin 16% Hog Feed	(306)	17.50	16.00	3.64	3.00	6.17	8.00	----
EAST FAYETTEVILLE ELEVATOR COMPANY Fayetteville, Pa.								
Superior Pig Meal	(262)	17.56	18.00	3.49	3.00	5.68	7.00	----
ELIZABETH MILLING COMPANY, INC. Elizabeth, Pa.								
Gilt Edge Pig & Hog Feed	(253)	15.75	13.00	3.19	3.50	4.93	6.00	----
E.L.M. FEED STORES Greencastle, Pa.								
E.L.M. Sure Curl Pig Meal	(271)	19.69	18.00	3.88	3.00	6.51	7.00	----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Red Rose Hog Meal	(475)	18.06	16.00	4.22	3.50	6.18	8.00	----
J. B. EWING Orbisonia, Pa.								
Top Notch Pig and Hog Meal	(425)	18.19	16.00	4.10	3.50	5.61	7.00	----
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		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
FURRY'S MILL Loysburg, Pe.								
Furry's Pig Meal	(419)	20.00	18.00	4.06	4.00	5.96	8.00	----
GENERAL FEED & SUPPLY Washington, Pe.								
General Hog Feed	(94)	17.50	15.00	3.17	3.50	5.86	8.00	----
GENERAL MILLS, INCORPORATED Minneapolis, Minn.								
Gold Medal Complete Pig Feed	(460)	20.69	18.00	3.77	3.00	4.91	6.00	----
GOOD'S CITY MILLS, INC. Williamsport, Pa.								
Good's Hog Meal	(395)	16.50	16.00	4.03	3.50	5.26	10.00	----
GREENE COUNTY FARMERS EXCHANGE Waynesburg, Pe.								
Champion Pig & Hog Meal	(110)	23.50	15.00	4.58	3.50	5.21	9.00	----
H. & C. GROVE Lewisburg, Pe.								
Grove's Hog Feed	(153)	13.94	15.00	4.06	4.00	4.26	4.00	----
HARPER FEED MILLS, INC. Washington, Pa.								
Top Profit Hog Meal	(98)	19.25	14.00	3.91	3.00	5.50	6.00	----
F. D. HARTZEL'S SONS COMPANY Chelfont, Pa.								
Perfection Pig Feed	(580)	19.38	18.00	3.91	3.00	4.97	6.00	----
JOHN M. HERR Grantville, Pe.								
Herr's Pig Feed	(291)	18.19	15.00	3.35	3.50	4.81	7.00	----
THE HERRMAN-MCLEAN COMPANY Cleveland, Ohio								
Sunshine Pork Meker	(486)	19.56	15.00	4.36	3.00	5.88	8.00	----
HERSHBERGERS, INC. Johnstown, Pa.								
Brownie Pig & Hog Feed	(458)	16.38	16.50	*2.75	3.50	4.45	6.00	----
C. J. HESS Shade Gap, Pe.								
Hog Mash	(428)	16.75	15.00	4.21	3.50	5.42	5.50	----
WILLIAM M. HUDSON & COMPANY Greensburg, Pe.								
Hudson's Pig Meal	(513)	20.69	18.00	3.63	3.00	6.41	8.00	----
KEYSTONE FEED & FARM PRODUCTS CORPORATION Connellsville, Pa.								
Keystone Best Pig & Hog Feed	(329)	15.56	14.00	3.36	3.00	4.01	11.00	----
KINTNER MILLING COMPANY Mehoppany, Pe.								
K M C O Pig Retion	(403)	18.44	14.00	3.25	3.00	*6.71	5.00	----
KNITTLE & PREY FEED MILLS Williamsport, Pa.								
K & P Pig & Hog Retion	(398)	17.06	16.00	4.01	2.50	4.27	8.00	----
A. F. LEIDY Delphi, Pe.								
Leidy's Hog Feed	(577)	14.13	13.00	3.22	3.50	5.61	6.00	----

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		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
LIGONIER MILLS, INC. Ligonier, Pa.								
Gilt Edge Hog Fattener	(527)	15.50	13.00	3.47	3.50	5.39	6.00	----
W. H. MANBECK & COMPANY Mifflin, Pa.								
Juniata Pig Ration	(150)	15.13	15.00	3.36	3.00	4.35	5.00	----
MAZEPPA MILLS Lewisburg, Pa.								
Bob White Hog Feed	(154)	15.63	16.00	3.46	3.00	4.00	5.50	----
MC MILLEN FEED MILLS DIVISION OF CENTRAL SOYA COMPANY Fort Wayne, Ind.								
Pre-Pig Ets	(356)	20.25	20.00	3.77	3.50	2.91	3.50	----
MCNAUGHTON MILLING COMPANY New Alexandria, Pa.								
New Alex 16% Hog Feed	(528)	18.31	16.00	3.69	3.00	7.32	8.00	----
MENCER'S FARM SUPPLY STORE Jersey Shore, Pa.								
Mencer's Pig and Hog Feed	(399)	16.75	14.00	4.37	4.00	6.19	8.00	----
MILLER FEED & IMPLEMENT COMPANY Stewartstown, Pa.								
Miller's Pig & Hog Meal	(128)	17.13	16.00	3.86	3.50	5.85	7.00	----
MONTGOMERY-BUCKS FARM BUREAU COOPERATIVE ASSOCIATION Souderton, Pa.								
16% Porkmaker	(564)	18.00	16.00	3.69	3.00	5.67	7.00	----
EDGAR W. MUTH Springtown, Pa.								
Muth's Pig Meal	(326)	19.19	14.00	3.76	3.50	5.76	7.00	----
OMWAKE & OLIVER Greencastle, Pa.								
Antrim Pig Meal	(270)	20.13	17.00	3.40	3.00	5.00	9.00	----
THE PARK & POLLARD COMPANY, INC. Buffalo, N. Y.								
Go-Tu-It Pig Grower	(102)	17.25	14.00	3.39	3.50	6.46	7.00	----
PASSMORE SUPPLY COMPANY Avondale, Pa.								
Just Right Hog Feed	(503)	17.31	14.00	2.86	3.00	4.26	6.00	----
PLEASANTVILLE ROLLER MILL Alum Bank, Pa.								
Champion Pig Meal	(438)	16.63	15.00	3.12	3.00	4.44	6.00	----
POCOPSON MILL Pocopson, Pa.								
Brandywine Pig & Hog Feed	(501)	17.63	18.00	*3.32	4.00	6.54	10.00	----
POTTSTOWN ROLLER MILLS Pottstown, Pa.								
Pig & Hog Feed	(572)	20.19	15.50	4.11	3.50	5.36	7.50	----
RALSTON PURINA COMPANY St. Louis, Mo.								
Chowmix Hog Finishing Feed	(452)	15.06	12.00	3.97	2.00	5.35	8.00	----
RED LION MILLING COMPANY Red Lion, Pa.								
All-Purpose Hog Feed	(115)	20.19	16.00	3.42	2.50	5.03	10.00	----

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	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
RIEGEL'S FEED & GRAIN Durham, Pa.							
Riegel's Hi-Quality Pig and Hog Feed (327)	19.44	16.00	3.63	2.50	4.91	8.00	----
S & R FEED COMPANY Quakertown, Pa.							
S & R Hog Feed (320)	15.38	14.00	4.24	3.00	6.00	8.00	----
S. L. SHANAMAN Honeybrook, Pa.							
Shanaman's Markitop All-In-One Hog Ration (489)	14.81	15.00	3.66	3.00	4.42	8.00	----
CLARENCE M. SHUEY Annville, Pa.							
Shuey's Hog Feed (303)	15.88	14.00	3.57	3.00	4.42	7.00	----
SNOOK'S MILL Mifflinburg, Pa.							
Snook's Pig-N-Hog Ration (156)	21.00	17.00	3.21	3.00	6.36	8.00	----
SUNBURY FEED STORE Sunbury, Pa.							
Sunlight's Hog Feed (189)	17.19	15.00	4.26	3.00	4.22	8.00	----
P. O. SUNDAY Carlisle, Pa.							
Cumberland Pig Meal (275)	19.25	15.00	3.14	2.50	4.29	9.00	----
SUNSHINE STORES, INC. Fort Wayne, Ind.							
Red Feather Hog Feed (441)	17.56	14.00	3.26	3.00	7.24	7.00	----
THOMAS FEED MILL Rolsopple, Pa.							
Diamond T Hog Feed (351)	16.81	15.00	3.54	3.50	7.01	8.00	----
THOMPSONTOWN FLOUR & FEED MILL Thompsontown, Pa.							
Pork Profit Hog Feed (147)	18.00	18.00	3.83	4.00	5.57	9.00	----
TRADER'S FLOUR & FEED COMPANY East Stroudsburg, Pa.							
Trader's Hog Meal (553)	17.94	16.00	4.13	3.50	4.95	7.00	----
JACOB TRINLEY & SONS, INC. Linfield, Pa.							
Trinley's Real Hog Feed (570)	22.81	18.00	4.89	4.00	6.23	10.00	----
WALKER BROTHERS Chambersburg, Pa.							
W. B. Hog Feed (259)	16.56	17.00	3.50	3.00	4.91	8.00	----
WAYNESBURG MILLING COMPANY Waynesburg, Pa.							
Wayco Pig & Hog Feed (106)	17.19	16.00	3.79	3.50	5.02	7.00	----
MONROE N. WENGER Birdsboro, Pa.							
Pig and Hog Meal (231)	19.19	15.00	3.83	3.50	7.36	8.00	----
WESTMORELAND FARM BUREAU COOPERATIVE ASSOCIATION Greensburg, Pa.							
Farm Bureau Pig & Hog Feed (535)	19.50	14.00	3.89	3.00	6.22	7.00	----
WINELAND'S FEED STORE Claysburg, Pa.							
Wineland Pork Builder (435)	16.00	13.00	4.28	3.00	5.22	6.00	----

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		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
WOODBURY MILLING COMPANY Woodbury, Pa.								
"Eat Mor" Pig & Hog Ration	(421)	16.44	14.00	3.70	3.00	7.31	10.00	----
WRIGHT MILLING COMPANY Claysburg, Pa.								
Wright's Pig Meal	(436)	18.44	17.00	4.17	2.50	6.00	7.50	----
F. S. YOST'S SON Pleasant Valley, Pa.								
Yost's Pig Feed	(324)	17.75	16.00	*3.47	4.00	5.44	8.00	----
Average		17.71		3.68		5.60		
<u>UNCLASSIFIED FEEDS</u>								
ALLIED MILLS, INCORPORATED Chicago, Ill.								
Wayne Sweet Mix	(372)	31.81	27.00	2.63	1.50	7.21	10.00	----
BEACON MILLING COMPANY, INC. Cayuga, N. Y.								
Beacon "32" For Mixing with Home Grains	(215)	38.38	32.00	2.96	2.50	6.44	8.00	----
COOPERATIVE G.L.F. EXCHANGE INCORPORATED Ithaca, N. Y.								
Super Test Feed	(540)	19.94	16.00	5.27	4.50	7.28	10.50	----
DUN WIN COMPANY South Williamsport, Pa.								
Aroma-Pap (Animal)	(417)	5.13	4.44	8.55	8.41	0.61	0.79	----
Aroma-Pap (Poultry)	(418)	4.94	4.81	6.21	6.16	0.71	0.78	----
P. R. MARKLEY, INC. Philadelphia, Pa.								
Extracted Penicillin Mycelia Meal	(224)	24.44	22.00	*2.97	3.50	7.38	8.00	----
Extracted Penicillin Mycelia Meal	(491)	26.44	22.00	*2.10	3.50	5.36	8.00	----
MIDLAND-WESTERN, INC. York, Pa.								
Sol-Fish	(211)	64.00	65.00	9.13	8.00	0.48	1.00	----
STEWARTSTOWN MILLING COMPANY INCORPORATED Stewartstown, Pa.								
Banner Sweet Feed	(133)	11.81	9.00	3.07	3.00	5.71	11.00	----
THE UBIKO MILLING COMPANY Cincinnati, Ohio								
Ubiko Fattening Mash	(242)	16.44	14.00	4.43	4.00	4.69	6.00	----
Average		24.53		4.73		4.59		

*Deficient

